

Oracle Argus Interchange

Japan User's Guide

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Preface

This guide provides documentation on the tasks related to the handling of E2B reports in Argus Safety. These include configuration, validation, viewing, transmitting, monitoring, and import of E2B reports.

Where to Find More Information

Oracle Help Center

The latest user documentation for Oracle Health Sciences products is available at <http://docs.oracle.com/en/industries/health-sciences/>.

My Oracle Support

The latest release notes, patches and white papers are on My Oracle Support (MOS) at <https://support.oracle.com>. For help with using MOS, see https://docs.oracle.com/cd/E74665_01/MOSHHP/toc.htm.

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For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

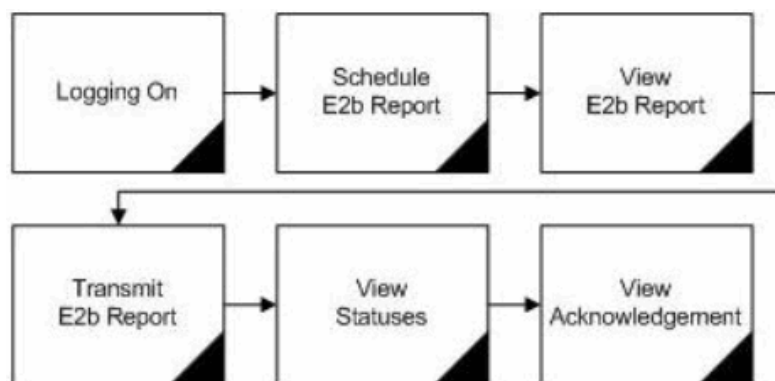
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About Argus Interchange

Argus Interchange provides pharmaceutical manufacturers with a simple, efficient way to comply with electronic standards for transferring regulatory information through the use of an Electronic Data Interchange (EDI) gateway. It also enables you to view E2B reports in different formats, such as I-SGML, J-SGML, I-Decoded View, J-Decoded View, and PMDA Report Form. These reports can be submitted to trading partners or to regulatory authorities.

Argus Interchange Process Overview

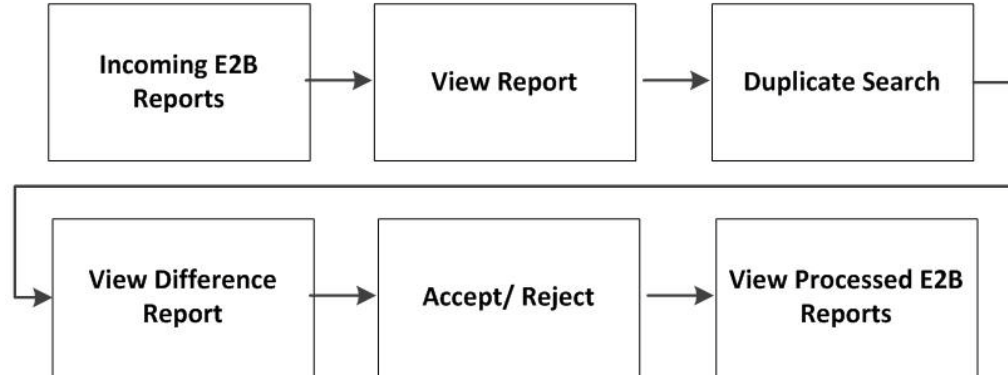
The following flowchart shows the steps to follow when using Argus Interchange.



The following table describes each of the steps in the preceding flowchart.

Task	Description
Logging on	Explains how to log on to Argus Safety.
Schedule E2B Report	Explains how to schedule an E2B Report for a case using the New Expedited Report dialog.
View E2B Report	Explains how to view a scheduled E2B Report in the E2B viewer and check for validation errors.
Transmit E2B Report	Explains how to transmit E2B reports by using the Bulk Reporting features in Argus Safety.
View Statuses	Explains how to view and understand the status of a transmitted E2B report.
View Acknowledgement	Explains how to view the detailed acknowledgement information from a trading partner or a regulatory authority.

The following flowchart displays the steps to import E2B Reports through Argus Interchange:

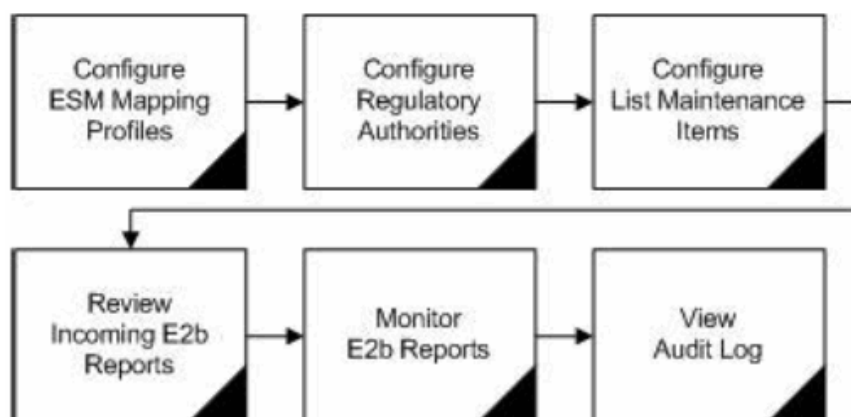


The following table describes each of the steps in the preceding flowchart.

Task	Description
Incoming E2B Reports	Explains how to view Incoming E2B Reports.
View E2B Reports	Explains how to view an Incoming E2B Report in the E2B viewer.
Duplicate Search	Explains how to search for possible duplicate cases in the Argus Safety system.
View Difference Report	Explains how to view differences between the current XML being imported (a message not yet imported into the database), the current case data in the database and the last imported case.
Accept/Reject	Explains how to accept or reject single/multiple E2B Follow-up/Initial reports.
View Process E2B Reports	Explains how to view the processed E2B Reports.

Configure Argus Interchange

This section is intended for Argus Interchange Administrators. The flowchart shows the steps to follow when configuring, reviewing, and administering Argus Interchange.



Argus Interchange Mapping Utility

Argus Interchange mapping utility enables you to configure the Argus Interchange Service. This chapter provides the following information:

- [Configure the Argus Interchange Service](#)
- [Add a Database for Argus Interchange Service](#)

Note: Most features of the Interchange have been moved to the web-based console.

Configure the Argus Interchange Service

You can configure the Argus Interchange Service by updating the initialization (INI) file from the Argus Interchange Mapping interface.

1. In the Windows 2012/2012R2 server, navigate to **Apps** and click the ESM Mapping tool. This opens the Service INI Set up dialog box.
2. Use the items in the Service INI File Setup dialog to configure the Argus Interchange Service INI file.
3. Enter the data for each field as required.

Service INI File Setup Dialog Box

The following tables lists and describes the fields in the Service INI File Setup dialog box.

Item	Description
IT E-mail	Enter the e-mail address that Argus Interchange Service should use to send e-mails, if the transmit time out occurs for Physical Media or EDI Gateway.
Business E-mail	Enter the e-mail address that Argus Interchange Service should use to send e-mails, if the Receive ACK time-out value is reached.
User E-mail	Enter the e-mail address that Argus Interchange Service should use to send e-mails, when the user does not process the E2B Report within the time-out value. The Argus Interchange Service uses SMTP as its mail system.
Sender E-mail	Enter the e-mail address that Argus Interchange Service should display, as the 'From' address in the e-mails that it sends.
EDI Gateway	Select the name for the EDI Gateway - from either Axway Cyclone or Oracle B2B.
EDI Database Name	Enter the database name for the EDI software.
EDI User ID	Enter the user name for EDI database.
EDI Password	Enter the password for the user name associated with the EDI database.
DTD Path	Enter the path for the DTD file.
Log File Path	Enter the path where the Argus Interchange Service will write the log files.
Multiple Database Section	Displays all the configured databases for ESM Service.
Delete Button	Click Delete to remove the entire Database Configuration from ESM Service INI File.

Add a Database for Argus Interchange Service

You can configure the Argus Interchange Service to support multiple database.

To configure a database:

1. In the Setup INI File dialog box, double click Add New Process to open the Service DB Setup dialog.

2. Use the items in the Service DB Setup dialog to configure the ESM Service INI file.
3. Enter the data in the fields as required.

Note: ESM Service.ini can be configured for MAX_FILES_IMPORT_PER_RUN at database level under the Database section. This should be set to a number. This determines how many files are read from incoming folder so as to allocate to Receive Process(es). This includes both ICSR reports and Acknowledgments. If it is not defined, an internal limit of 1000 is assumed.

Service DB Setup Fields

The following table lists and describes the fields in the Service DB Setup dialog box.

Item	Description
Database Name	Enter the name of the Adverse Event database.
Unique Database ID	Identifies each database uniquely. In the case of multiple databases, the value of this field should be unique.
User ID	Enter the user name for the Service.
Password	Enter the password associated with the User Name entered in the USER ID field.
Process	Enter the full path of the ESMProc.exe file. The system uses this path to locate the ESMProc.exe file.
Receive Process	Enter the full path of the E2BReceive.exe file. The system uses this to locate the E2BReceive.exe file.
Archive Folder	Enter the full path where the system places the file processed by Argus Interchange.

Item	Description
Receive Processes Count	Enables you to specify multiple E2B receive processes You can specify from 1 to 5 E2B receive processes The default is 1.
Process Elapse Time	Enter the time interval for the Argus Interchange Process to run.
Enter EDI Transmit Time out Value	The amount of time, in minutes, that must pass before the system sends an e-mail message when an E2B Report has not been transmitted within a specified time period. Note: The minimum value for the time-out is 10 minutes.
Enter Physical Media Transmit Time out Value	Enter amount of time, in minutes, that must pass before the system can send an e-mail message when an E2B Report has not been sent manually by a specified person within a specified time period. Note: The minimum value for the time-out is 10 minutes.
Enter Receive ACK Time Out Value	Enter the amount of time, in minutes, that must pass before the system can send an e-mail message when an ACK message has not been received within a specified time period. Note: The minimum value for the time-out is 10 minutes.
Enter Processing Time Out Value	Enter the amount of time, in minutes, that must pass before the system can send an e-mail message when an Incoming Report has not been processed within a specified time period. Note: The minimum value for the time-out is 10 minutes.
Enter XML Transmit Time Out Value	Enter the amount of time, in minutes, that must pass before the system can send an e-mail message when an XML file is not picked up by the Gateway. Note: The minimum value for the time-out is 10 minutes.
Enter Binary Transmit Time Out Value	Enter the amount of time, in minutes, that must pass before the system can send an e-mail message when a binary file is not picked up by the Gateway. Note: The minimum value for the time-out is 10 minutes.
Enter MDN Time Out Value	Enter the amount of time, in hours, that must pass before the system stops polling the MDN information from the EDI server after receiving the Business ACK for a transmitted report.

E2B Extensions (Applicable for R2 only)

You can use the existing reporting destination configuration to choose an extended E2B profile. The system uses the agency and company identifier to identify the profile to use and sends the information in the following XML elements:

```
<messagesenderidentifier>Company X</messagesenderidentifier>
```

```
<messagereceiveridentifier>Agency Y</messagereceiveridentifier>
```

The Interchange mapping utility also supports the defined extended E2B elements as follows:

- A switch in the Interchange mapping tool identifies a profile as either a standard profile or an extended E2B profile but only for the Receive tab. The additional fields are formatted as follows:

```
<XXX>_EXTENSION []
```

where:

XXX is the tag name followed by _EXTENSION to indicate that this is an extended E2B tag element

When using this switch:

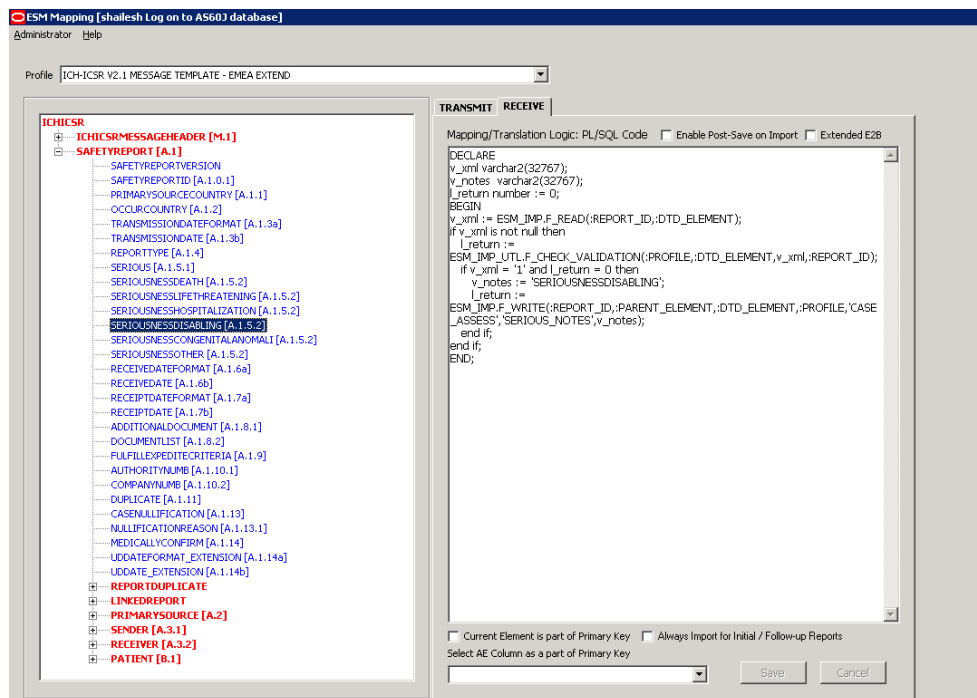
- Do not enter any blank spaces or underscore characters (_) in the XXX naming convention.
- In the extended E2B tags, the element number in the brackets ([]) is always empty. For example, Patient Ethnicity, Event Hospitalized Start Date / Stop Date.
- This switch is enabled only for profiles copied from the Factory profiles (default unchecked). This flag is disabled for all factory profiles.
- During configuration, GPS updates the DTD profile with this information before it adds any additional E2B elements.
- The system maps extended E2B fields are mapped to existing Argus fields or to user-defined fields, as appropriate. For example, the system maps the following extended E2B fields to the following Argus tables.

E2B + Field	Argus Case Form UI Field Name	Argus Field Label Description
patientethnicity_extension	PATIENT Patient Ethnicity	Patient Ethnicity
reactionintensity_extension	EVENTS Event Intensity	Event Intensity
reactionhospstartdateformat_extension	Argus Date entry format YYYYMMDD or YYYYMM or YYYY	Hospitalized Start Date Format
reactionhospstartdate_extension	EVENTS Hospitalized Start Date	Hospitalized Start Date
reactionhospstopdateformat_extension	Argus Date entry format YYYYMMDD or YYYYMM or YYYY	Hospitalized Stop Date Format
reactionhospstopdate_extension	EVENTS Hospitalized Stop Date	Hospitalized Stop Date

- The system sends an acknowledgement if the message import is successful and a rejection if the message import is not successful.

You can view the extended elements for the following:

- E2B Viewer
 - No updates to the CIOMS / MedWatch Reports
 - The Decoded View / SGML View displays the additional elements added as a part of the Extended E2B



- E2B Difference Report
 - When imported, the system displays the additional fields in the current difference report viewer.
- E2B Selective Intake for Initial and Follow up E2B Reports
 - You can selectively import the additional fields the system adds to the Extended E2B in the Argus case.
 - The PDF reports display the additional fields added to the Extended E2B.
- The E2B Warnings/Errors display the warnings/errors if warnings or errors defined for the fields added to the Extended E2B.

Web Console

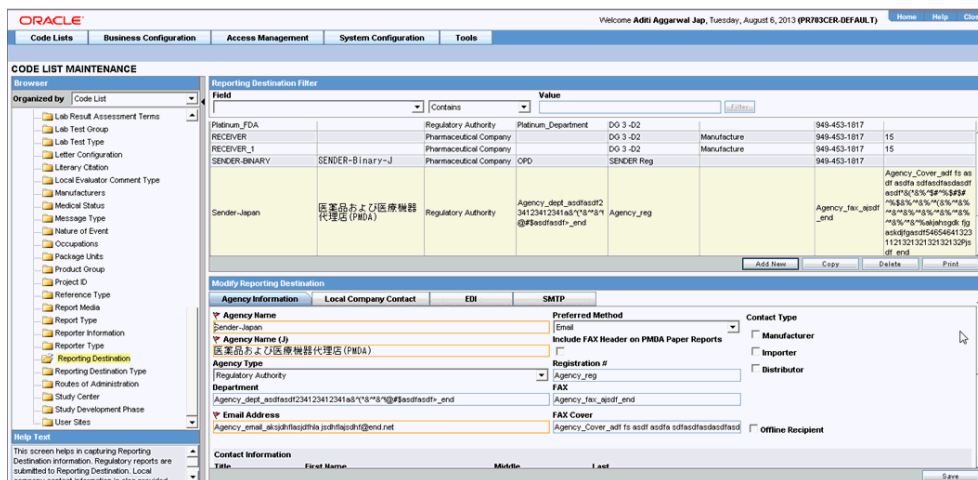
The Web Console enables you to configure the Regulatory Authorities to which E2B Reports need to be submitted. In accordance with ICH Guidelines, you can configure additional Code List items with new E2B codes.

Configure Regulatory Authorities

Transmitting E2B reports to an Agency/Trading Partner, requires you to create a regulatory authority entry in the Code List. After creating the regulatory authority, you can transmit regulatory reports to it.

To configure a regulatory authority:

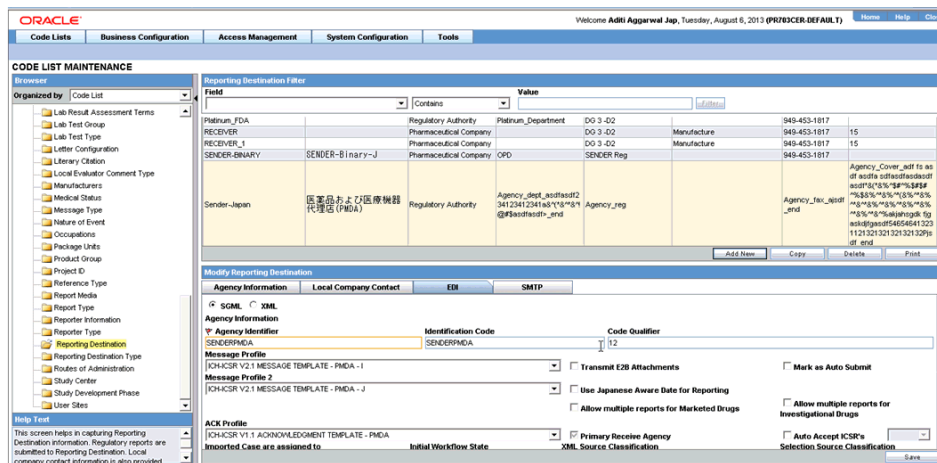
1. On the Argus Console, Click Code Lists -> Argus.
2. When the system opens the Code List Maintenance screen, select Reporting Destination from the list.



Note: If a report has already been generated for a Regulatory Authority, the system disables the Delete button in the Code List dialog box for the particular Regulatory Authority. However, it is still possible to modify these reports there.

Refer to the Argus Safety Guide for information on using the first three tabs of the Reporting Destination.

3. Click the EDI tab, select the appropriate data for each item, and enter the data in the fields as required.



EDI Tab Fields

The following table lists and describes the fields on the EDI tab.

For Argus J users, an additional field called "Message Profile 2" shows up for the configuration of the PMDA - J profile. This field is required for PMDA agency to specify PMDA J profile.

Field	Purpose
SGML/XML	Enables you to select whether to send the report in SGML or XML format.

Field	Purpose
Mark as Auto Submit	Enables you to mark the report for auto submission.
Imported Cases are assigned to	Enables you to select the country where imported cases need to be assigned. Note: This list contains the configured Argus sites. The default value is the site of the importing user.
Initial Workflow State	Enables you to configure the initial workflow state for the case. Note: This list contains Argus workflow states. The default value is blank. If you select blank as the workflow state, the system treats the case as a new case being booked-in.
Agency Identifier	Enables you to enter the routing ID configured in Cyclone for the sender community.
Identification Code	Enables you to enter the agency Duns code, a unique code that identifies a trading partner.
Code Qualifier	Enables you to enter the code qualifier. The system uses the code qualifier to interpret the identification code.
XML Source Classification	Defines the E2B source file classification during the E2B import. The system populates this drop-down from the Attachment Classification code list.
Selection Source Classification	Defines the classification of the PDF for initial intake or the difference report during E2B import. The system populates this drop-down from the Attachment Classification code list.
Message Profile	Enables you to select a message profile.
Message Profile 2	Enables you to select a message profile for J elements. This profile is enabled for J users.
ACK Profile	Enables you to select the acknowledgement profile.
Primary Receive Agency	Indicates that this is the primary agency receiving E2B reports.
Auto Accept ICSR's	Enables or disables the auto-accept E2Bs for the agency.
Transmit E2B Attachments	Enables or disables transmission of E2B attachments for the agency.
Use Japanese Aware Date for Reporting	Check this checkbox to use Japanese Aware Date for reporting.
Allow multiple reports for Marketed Drugs	Check this checkbox to allow multiple reports for Marketed Drugs.
Allow multiple reports for Investigational Drugs	Check this checkbox to allow multiple reports for Investigational Drugs.
Identification Code	Enables you to enter the company Duns code, a unique code that identifies a trading partner.
Company Identifier	Enables you to enter the company identifier.
Code Qualifier	Enables you to enter the code qualifier. The code qualifier is used to interpret the identification code.
File Name	Enables you to enter the file name
SGML Declaration File	Enables you to enter the SGML Declaration File.
Maximum # of reports to include in the msg	Enables you to enter the maximum number of reports that will be transmitted in one message.
Method	Enables you to select a method. This field contains E2B-EDI Gateway, E2B Physical Media, and E2B-XML Transmission values.

Field	Purpose
EDI Header Required	Enables you to generate the required EDI Header.
XML Version	Enables you to enter the XML Version.
URL of Message DTD	Enables you to enter the path where the message DTD resides on the Internet or to enter the full path, if it is located on the disk.
Encoding	Enables you to select the character set encoding used in XML
Use Japanese Aware Date for Reporting	Enables you to ensure that reporting is based on the Japanese Aware Date. If this checkbox is not checked, reporting is based on the English Aware Date.
Allow multiple reports for Marketed Drugs	Checking this checkbox allows the system to schedule multiple reports for marketed drugs.
Allow multiple reports for Investigational Drugs	Checking this checkbox allows the system to schedule multiple reports for investigational drugs.
URL of ACK DTD	Enables you to enter the path where the ACK DTD resides on the Internet or enter the full path, if it is located on the disk.

Note: In the File Name field, be sure to enter the appropriate naming convention followed by "#####" before the transmission extension.

Configure SMTP

Argus Interchange Mapping Utility can be configured to send emails to notify the appropriate people on the occurrence of some incidents or errors while processing E2B reports. These emails are sent using Argus Safety Service. You can use Argus Console if you need to configure these emails to be sent using SMTP.

To enable Argus Safety Service to use the SMTP protocol to send e-mail to the e-mail server, use the SMTP Configuration Utility in the following way.

To configure SMTP:

1. Open Argus Console.
2. When the system opens the Code List Maintenance screen, click System Configuration -> SMTP Configuration.

- When the system opens the SMTP Configuration dialog box, enter the appropriate data in each field.

SMTP Configuration Dialog Box Fields

The following table lists and describes the fields in the SMTP Configuration dialog box.

Item	Description
Server IP or Name	The SMTP server IP address or name.
Port	The port number. The default port number is 25.
Authentication	The authentication type to use. Basic Authentication -- The user must enter a user name and password in the Username and Password fields. No Authentication -- The Username and Password fields are disabled. NTLM Authentication, the authentication of the OS user logged into the system is automatically passed. Additionally, the Username and Password fields are disabled in this authentication.
SMTP Username	The SMTP username.
SMTP Password	The SMTP password.
Enable SMTP?	Select this check box to ensure that AG Service uses SMTP to send e-mail.

Configure Code List Items

Argus Safety is currently shipped with E2B Codes for the applicable factory data items. If you enter new items, E2B codes must be derived from ICH guidelines and entered as described here.

Note: From Argus Console, click Code Lists -> Argus -> Argus to open the Code List Maintenance screen.

Configure an Action Taken

Use the following procedure to configure action taken:

1. From the Argus Console, select Code Lists -> Argus -> Action Taken.
2. When the system opens the Code List Maintenance screen, click Action Taken in the Code List in the left pane.
3. The system puts the corresponding data for the selected item in the right pane.

The screenshot shows the Oracle Argus Console interface. The top navigation bar includes 'Code Lists', 'Business Configuration', 'Access Management', 'System Configuration', and 'Tools'. The main window is titled 'CODE LIST MAINTENANCE' and is organized by 'Code List'. The left pane shows a tree view of code lists, with 'Action Taken' selected. The right pane displays the 'Action Taken Filter' and a table of existing actions.

Action Taken (J)	E2B Code	Display
Begin action/taken action End	2	Yes
Change of Doctor	1	Yes
Concomitant Drug Change	5	Yes
Dose Decreased	2	Yes
Dose Increased	3	Yes
No Change	4	Yes
Non-Drug Therapy	5	Yes
Unknown	5	Yes
Withdrawn	1	Yes

Below the table, there is an 'Add New Action Taken' section with input fields for 'Action Taken', 'E2B Code', and a checked 'Display' checkbox. A 'Save' button is located at the bottom right.

4. Click Add New and enter the E2B code for the new action in the Add New Action Taken section.
5. Click Save.

Configure Age Groups

Use the following procedure to configure age groups:

1. From the Argus Console, select Code Lists -> Argus -> Age Groups.
2. When the system opens the Code List Maintenance screen, locate and click Age Groups in the Code List in the left pane.
3. The system places the corresponding data for the selected item in the right pane.

CODE LIST MAINTENANCE

Age Groups Filter

Total Number of Rows (6)

Group (J)	Range Low(years)	Range High(years)	E2B Code	Display
Adolescent 青少年	13	18	4	Yes
Adult 成人	18	89	5	Yes
begin age group_END 開始年齡組結尾	45	110	2	Yes
Child 小兒	2	13	3	Yes
Elderly 高齢者	69	159	6	Yes
Infant 幼兒	1	2	2	Yes
Neonate 新生兒	0	1	1	Yes
Puberty	12	17		Yes

Add New Age Groups

Group (J) Range(years) through (years) E2B Code Display

4. Click Add New and enter the E2B Code for the new age group in the Add New Age Groups section.
5. Click Save.

Configure Age Units

Use the following procedure to configure age units.

1. From the Argus Console, select Code Lists -> Argus -> Age Units.
2. When the system opens the Code List Maintenance screen, click Age Units in the Code List in the left pane.
3. The system places the data for the selected item in the right pane.

CODE LIST MAINTENANCE

Age Units Filter

Total Number of Rows (19)

Unit Name (J)	Number of units per year	E2B Code	Display
B age unit	123	3	Yes
Days 日	365	804	Yes
Decades 年代	0.1	900	Yes
Hours 時間	8760	805	Yes
Minute 分	525600		Yes
Months 月	12	802	Yes
Second 秒	31536000		Yes
Trimester 三半期	3		Yes
Weeks 週	52	803	Yes
Years 歲	1	801	Yes

Add New Age Units

Unit Name (J) Number of units per year E2B Code Display

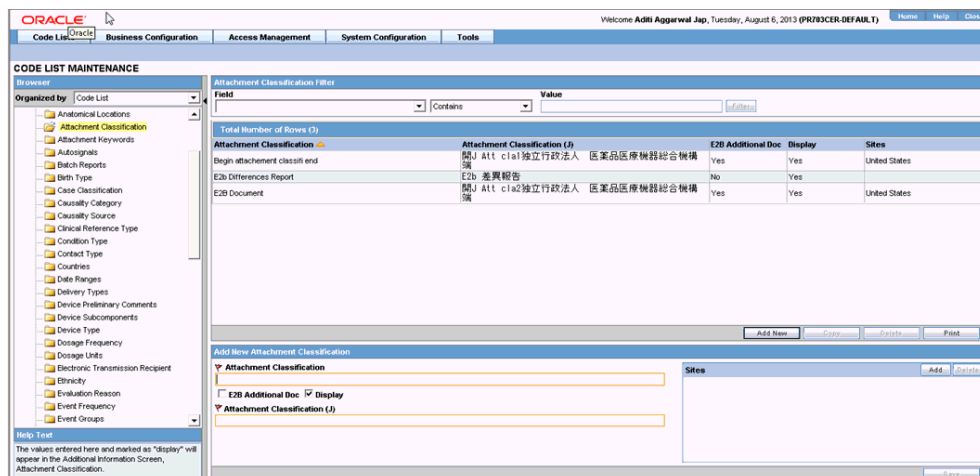
4. Click Add New and enter the E2B Code for the new age unit in the Add New Age Units section.
5. Click Save.

Configure Attachment Classifications

Use the following procedure to configure attachment classifications:

1. From the Argus Console, select Code Lists -> Argus -> Attachment Classification.

- When the system opens the Code List Maintenance screen, click Attachment Classification in the Code List in the left pane.
- The system places the data for the selected item in the right pane.

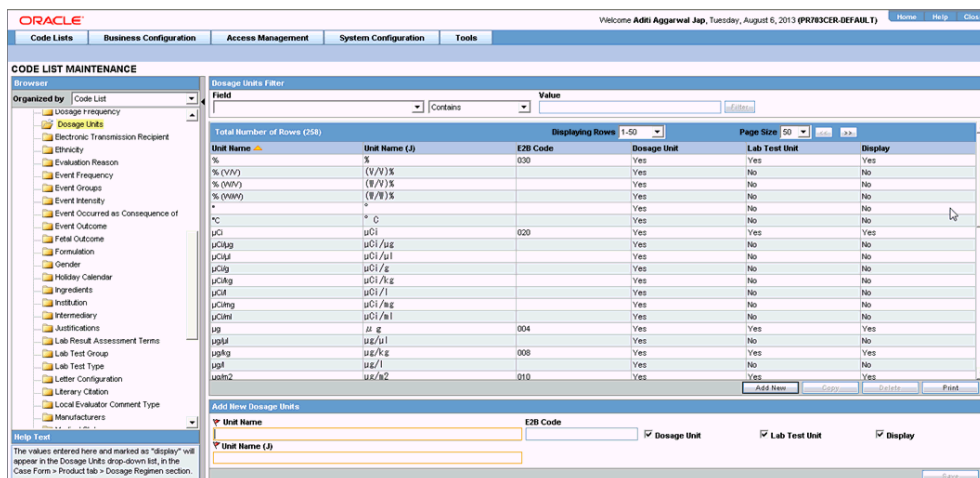


- Click Add New and click the E2B Additional Doc check box in the Add New Attachment Classification section.
- Click Save.

Configure Dosage Units

Use the following procedure to configure dosage units:

- From Argus Console, Code Lists -> Argus -> Dosage Units.
- When the system opens the Code List Maintenance screen, click Dosage Units in the Code List in the left pane.
- The system places the data for the selected item in the right pane.



- Select an existing Dosage Unit and enter the new E2B code in the Modify Dosage Units section.
- Click Save.

Configure an Event Outcome

Use the following procedure to configure an Event Outcome:

1. From the Argus Console, select Code Lists -> Argus -> Event Outcome.
2. When the system opens the Code List Maintenance screen, click Event Outcome in the Code List in the left pane.

Oracle Argus Console - Code List Maintenance: Event Outcome

Event Outcome (J)	E2B Code	Display
Abortion due to AE/Infection		Yes
High Event Outcome Event Outcome Event Outcom E2B	3	Yes
Congenital Anomaly		Yes
Death due to AE/Infection		Yes
Death not due to AE/Infection		Yes
Fatal	5	Yes
Improved	2	Yes
Lasting Damage	4	Yes
Not Reported	6	Yes
Recovered	1	Yes
Recovered with Treatment	1	Yes
Resolved	1	Yes
Resolved/Recovered	1	Yes
Unchanged	3	Yes
Unknown	6	Yes
Worsened	3	Yes

Add New Event Outcome

Event Outcome (J): E2B Code: Display:

3. The system places the data for the selected item in the right pane.
4. Enter the E2B Code for the new event outcome in the Add New Event Outcome section.
5. Click Save.

Configure Gender

Use the following procedure to configure Gender.

1. From Argus Console, select Code Lists -> Argus -> Gender.
2. When the system opens the Code List Maintenance screen, click Gender in the Code List in the left pane.

Oracle Argus Console - Code List Maintenance: Gender

Gender (J)	E2B Code	Display
B gder end	2	Yes
Female	2	Yes
Male	1	Yes
Other		Yes
UNK		Yes

Add New Gender

Gender (J): E2B Code: Display:

3. The system places the data for the selected item in the right pane.
4. Enter the E2B Code for the gender in the Add New Gender section.

- Click Save.

Configure Report Type

Use the following procedure to configure Report Type:

- From the Argus Console, select Code Lists -> Argus -> Report Type.
- When the system opens the Code List Maintenance screen, click Report Type in the Code List in the left pane.

The screenshot shows the Oracle Argus Code List Maintenance screen. The left pane shows a tree view with 'Report Type' selected. The main area displays a table of existing report types and an 'Add New Report Type' section.

Report Type	Report Type (J)	Abbreviation	Includes Clinical Cases	Includes Literature Cases	Includes Research Reporting Cases	E2B Code	Display
Begin Report Type	Report END	開報	Yes	Yes	No	3	Yes
Compassionate Use	例外的使用	Com	Yes	No	No	2	Yes
Epidemiological Study	疫学調査	EPS	No	No	No	1	Yes
Literature	文献	LT	No	Yes	No	1	Yes
Literature Clinical Trial	送達者に情報が得られず	Lct	Yes	Yes	No	1	Yes
Not Available to Sender	送達者に情報が得られず	NAS	No	No	No	4	Yes
Other	その他	Oth	Yes	No	No	3	Yes
Post Marketing Surv.	市販後調査	Pos	Yes	No	No	2	Yes
Regulatory Authority	規制当局	Reg	No	No	No	3	Yes
Sponsored Trial	支援されている治験	Spo	Yes	No	No	2	Yes
Spontaneous	自発報告	Spo	No	No	No	1	Yes

The 'Add New Report Type' section includes fields for Report Type, Abbreviation, E2B Code, and a 'Display' checkbox. There are also checkboxes for 'This type includes cases from literature' and 'This type includes cases from clinical trials'.

- The system places the data for the selected item in the right pane.
- Enter the E2B code for the new report type in the Add New Report Type section.
- Click Save.

Configure Reporter Type

Use the following procedure to configure Reporter Type:

- From the Argus Console, select Code Lists -> Argus -> Reporter Type.
- When the system opens the Code List Maintenance screen, click Reporter Type in the Code List in the left pane.
- The system places the data for the selected item in the right pane.

The screenshot shows the Oracle Argus Code List Maintenance screen for Reporter Type. The left pane shows a tree view with 'Reporter Type' selected. The main area displays a table of existing reporter types and an 'Add New Reporter Type' section.

Reporter Type	Reporter Type (J)	E2B Code	Display
Begin Reporter Type	開報	3	Yes
Company Representative	企業代表者	5	Yes
Consumer	消費者	5	Yes
Hospital	病院	3	Yes
Lawyer	弁護士	4	Yes
Non-Health Professional	消費者またはその他の非医療専門家	5	Yes
Nurse	看護師	3	Yes
Other	その他	5	Yes
Other Health Professional	その他の医療専門家	3	Yes
Pharmacist	薬剤師	2	Yes
Physician	医師	1	Yes
Professor	教授	3	Yes
Specialist	専門家	1	Yes

The 'Add New Reporter Type' section includes fields for Reporter Type, E2B Code, and a 'Display' checkbox.

4. Enter the E2B Code for the new reporter type in the Add New Reporter Type section.
5. Click Save.

Configure Routes of Administration

Use the following procedure to configure Routes of Administration:

1. From the Argus Console, select Code Lists -> Argus -> Routes of Administration.
2. When the system opens the Code List Maintenance screen, click Routes of Administration in the Code List in the left pane.

The screenshot shows the Oracle Argus Code List Maintenance interface. The left pane shows a tree view with 'Routes of Administration' selected. The main area displays a table of routes and a form to add new ones.

Administration Route	Description	Administration Route (J)	Description (J)	E2B Code	Display
Auricular	Auricular	耳介	耳介	001	Yes
begin AdmR end	Begin Administration Route Desc	開始R adlXあいうえお		3	Yes
Buccal	Buccal	挿歯	挿歯	002	Yes
Cerebral	Cerebral	脳	脳		Yes
Conjunctival	Conjunctival	結膜	結膜		Yes
Costal	Costal	肋骨	肋骨		Yes
Cutaneous	Cutaneous	皮膚	皮膚	003	Yes
Dental	Dental	歯	歯	004	Yes
Drop	Drop For Injection	注射用ドロップ	注射用ドロップ		Yes
Endoconical	Endoconical	挿管内	挿管内	005	Yes
Endosyringeal	Endosyringeal	洞内 (副鼻腔内)	洞内 (副鼻腔内)	006	Yes
Endotracheal	Endotracheal	気管内	気管内 (Endo-)	007	Yes
Episkeral	Episkeral	角膜外	角膜外	008	Yes
Extra-aural	Extra-aural	耳膜外	耳膜外	009	Yes

Below the table, the 'Add New Routes of Administration' form is visible, with fields for Administration Route, Short Name, E2B Code, and a checked 'Display' checkbox.

3. The system places the data for the selected item in the right pane.
4. Enter the E2B Code for the new route of administration in the Add New Routes of Administration section.
5. Click Save.

Configure a Message Type

Use the following procedure to configure a Message Type:

1. From the Argus Console, select Code Lists -> Argus -> Message Type.
2. When the system opens the Code List Maintenance screen, click Message Type in the Code List in the left pane.

3. The system places the data for the selected item in the right pane.
4. Enter the new message type and other relevant data in the Modify Message Type section.
5. Click Save.

ICSR Length Check

When you select ICSR Length Check, the system generates a report that prints the code list item length check and M2 validation warnings. This menu item has been added under Argus Console -> Tools -> ICSR Length Check.

ICSR Report Data Check Errors & Warnings As of 28 June 2018

List Maintenance	
1.	CBER EVAERS V1.0 MESSAGE TEMPLATE
2.	CDRH EMDR V1.0 MESSAGE TEMPLATE
3.	ICH-ICSR V2.1 MESSAGE TEMPLATE
4.	ICH-ICSR V2.1 MESSAGE TEMPLATE - EMA
5.	ICH-ICSR V2.1 MESSAGE TEMPLATE - FDA
6.	ICH-ICSR V2.1 MESSAGE TEMPLATE - FDA PIP
7.	ICH-ICSR V2.1 MESSAGE TEMPLATE - PMDA - I

Validation Type	Data Element	DTD Element	Case Form Field	Actual Error Message	Profiles	LM Data
Other Validation	A.1.2	OCCURCOUNTRY	General Information / Country of Incidence	Invalid E2B Code - EU		EUROPEAN UNION
	A.1.2	OCCURCOUNTRY	General Information / Country of Incidence	Invalid E2B Code - SS		SOUTH SUDAN
	A.1.2	OCCURCOUNTRY	症例フォーム / 一般 / 一般情報 / 発現国	Invalid E2B Code - EU		EUROPEAN UNION
	A.1.2	OCCURCOUNTRY	General Information / Country of Incidence	Invalid E2B Code - CW		CURAÇAO
	A.1.2	OCCURCOUNTRY	General Information / Country of Incidence	Invalid E2B Code - BQ		BOONAIRE, SINT EUSTATIUS AND SABA
	A.1.2	OCCURCOUNTRY	General Information / Country of Incidence	Invalid E2B Code - SX		SINT MAARTEN (DUTCH PART)
	B1	REPORTTYPE	Case Form / Analysts / MedWatch Info / Product Problem and Adverse Event /	Invalid E2B Code - 1		Literature
	B1	REPORTTYPE	Case Form / Analysts / MedWatch Info / Product Problem and Adverse Event /	Invalid E2B Code - 2		Compassionate Use

The following table lists the Code List items the length check is run on.

Data Element	LM Field	Argus Field Length	DTD Allowed Length
A.2.1.1d	LM / Clinical Studies / Study Information / Study Description. The application needs to consider the EUDRA-CT length (35) while displaying the message.	2000	100
A.3.1.3b	LM / Regulatory Authorities / Local Company Contact / Title	40	10
A.3.1.4a	LM / Regulatory Authorities / Local Company Contact / Address	120	100
A.3.1.4f	LM / Regulatory Authorities / Local Company Contact / Phone	20	10
A.3.1.4g	LM / Regulatory Authorities / Local Company Contact / Phone / Ext.	10	5
A.3.1.4i	LM / Regulatory Authorities / Local Company Contact / Fax	50	10
A.3.1.4j	LM / Regulatory Authorities / Local Company Contact / Fax / Ext.	10	5
A.3.2.2c	LM / Regulatory Authorities / Agency Information / Contact Information / Title	40	10
A.3.2.2f	LM / Regulatory Authorities / Agency Information / Contact Information / Last Name	40	35
A.3.2.3a	LM / Regulatory Authorities / Agency Information / Contact Information / Address	120	100
A.3.2.3f	LM / Regulatory Authorities / Agency Information / Contact Information / Phone	20	10
A.3.2.3g	LM / Regulatory Authorities / Agency Information / Contact Information / Phone / Ext.	10	5
A.3.2.3i	LM / Regulatory Authorities / Agency Information / Contact Information / Fax	50	10
A.3.2.3j	LM / Regulatory Authorities / Agency Information / Contact Information / Fax / Ext.	10	5
A.2.1.2c	LM / Reporter Information / Address	120	100
B.4.k.2.2	LM / Products / Key Ingredient	120	100
B.4.k.4.1	LM / Licenses / License Information / Number	40	35

E2B Code Validation

The following table lists the E2B Code Validation items.

Tag Name	DTD Element	Case Form Field	LM Field
primarysourcecountry	A.1.1	Case Form / General / Reporter Information / Country	LM / Countries / Code (A2)
occurcountry	A.1.2	Case Form / General / General Information / Country	LM / Countries / Code (A2)

Tag Name	DTD Element	Case Form Field	LM Field
reporttype	A.1.4	Case Form / General Information / Report Type	LM / Report Type / E2B Code
reportercountry	A.2.1.3	Case Form / General / Reporter Information / Country	LM / Countries / Code (A2)
qualification	A.2.1.4	Case Form / General / Reporter Information / Reporter Type	LM / Reporter Type / E2B Code
observestudytype	A.2.3.3	Case Form / General / Study Information / Observe Study Type	LM / Case Classification / E2B Code
sendertype	A.3.1.1	LM / Regulatory Authorities / Local Company Contact / Sender Type	LM / Regulatory Authorities / Local Company Contact / Sender Type
sendercountrycode	A.3.1.4e	LM / Regulatory Authorities / Local Company Contact / Country	LM / Countries / Code (A2)
receivertype	A.3.2.1	LM / Regulatory Authorities / Agency Information / Agency Type	LM / Regulatory Authorities / Agency Information / Agency Type
receivercountrycode	A.3.2.3e	LM / Regulatory Authorities / Agency Information / Contact Information / Country	LM / Countries / Code (A2)
patientonsetageunit	B.1.2.2b	Case Form / Patient / Patient Information / Age Units	LM / Age Units / E2B Code
patientagegroup	B.1.2.3	Case Form / Patient / Patient Information / Age Group	LM / Age Group / E2B Code
patientsex	B.1.5	Case Form / Patient / Patient Information / Gender	LM / Gender / E2B Code
parentageunit	B.1.10.2.2b	Case Form / Patient / Parent / Age Unit	LM / Age Units / E2B Code
parentsex	B.1.10.6	Case Form / Patient / Parent / Gender	LM / Gender / E2B Code
reactionoutcome	B.2.i.8	Case Form / Events / Event Information / Outcome of Event	LM / Event Outcome / E2B Code
testunit	B.3.1e	Case Form / Patient / Lab Data / Lab Data / Units	LM / Dossage Units / E2B Code
obtaindrugcountry	B.4.k.2.3	Case Form / Products / Product Information / Obtain Drug Country	LM / Countries / Code (A2)
drugauthorizationcountry	B.4.k.4.2	LM / Licenses / License Information / Country	LM / Countries / Code (A2)

Tag Name	DTD Element	Case Form Field	LM Field
drugstructuredosageunit	B.4.k.5.2	Case Form / Products / Dosage Regimens / Dose Units	LM / Dosage Unit / E2B Code
drugcumulativedosageunit	B.4.k.5.7	Case Form / Products / Total Dose to Primary Event	LM / Dosage Unit / E2B Code
drugadministrationroute	B.4.k.8	Case Form / Products / Dosage Regimens / Patient Route of Administration	LM / Routes of Administration / E2B Code
drugparadministration	B.4.k.9	Case Form / Products / Dosage Regimens / Parent Route of Administration	LM / Routes of Administration / E2B Code
drugintervaldosagedefinition	B.4.k.5.5	LM / Dosage Frequency / Unit	LM / Dosage Frequency / Unit
actiondrug	B.4.k.16	Case Form / Products / Product Details / Action Taken	LM / Action Taken / E2B Code
mhlwadmicsrcasenumclass	J.4a	Case Form / Analysis / PMDA / General / Report Category	LM / Reporting Category / E2B Code
mhlwadmicrnewdrugclass	J.8	Case Form / Analysis / PMDA / Comments / Category of the new drug	LM / License Category / E2B Code
mhlwphaseofstudies	J.12.i.2	Business Configuration / Studies / Study Development Phase	LM / Study Development Phase / E2B Code

ICSR Check

In order to successfully transmit any E2B Report, it must be validated for its mandatory components before transmitting the report.

Why perform an ICSR Check

You can run an ICSR check by clicking the ICSR icon from the Quick Launch menu shown below.



Note: The ICSR check icon is visible on the Quick Launch Toolbar ONLY if a case is open and active on the user session.

Running an ICSR check validates if the E2b report has all these mandatory elements present that is required for its successful processing.

This check performs the function that prints the “E2B Report – DTD Length Check Warnings” and “E2B report – DTD Validation”.

The following illustration shows a sample ICSR check report that is generated in PDF format:

ORACLE HEALTH SCIENCES		ICSR報告データ・チェック・エラーと警告			
		2018/09/28 00:33 GMT -5.00			
症例番号: 18JP000019					
検証されたプロファイル:					
1. ICH-ICSR V2.1 MESSAGE TEMPLATE 2. ICH-ICSR V2.1 MESSAGE TEMPLATE - EMA 3. ICH-ICSR V2.1 MESSAGE TEMPLATE - FDA 4. ICH-ICSR V2.1 MESSAGE TEMPLATE - PMDA - I 5. CBER EVAERS V1.0 MESSAGE TEMPLATE 6. CDRH EMDR V1.0 MESSAGE TEMPLATE 7. ICH-ICSR V3.0 MESSAGE TEMPLATE 8. ICH-ICSR V3.0 MESSAGE TEMPLATE - EMA					
検証の種類	データ項目	DTD項目	症例フォーム・フィールド	エラー・メッセージ	プロファイル
その他の検証	B.1.2.2a	PATIENTONSETAGE	症例フォーム / 患者 / 患者 / 患者の詳細 / 年齢	"子のみ" はチェックボックスで選択されていますが、PATIENT ONSETAGE (B.1.2.2) が入力されていません。	4
	B.2.i.8	REACTIONOUTCOME	Events Tab / Event Information / Outcome of Event	Value of element tag [REACTIONOUTCOME] does not satisfy the condition [At least one outcome must be recorded. Additionally, if the outcome (Fatal) is recorded against any of the reactions, One of the following must be reported Cause of Death or Determine Autopsy]	1, 2, 3
	A.2.1.3	REPORTERCOUNTRY	症例フォーム / 一般 / 報告者情報 / 国	以下の項目の内最低一項目が報告に含まれている必要があります。reportercountry (A.2.1.3), qualification (A.2.1.4), literaturereference (A.2.2), studyname (A.2.3.1), sponsorstudynumb (A.2.3.2), observestudytype (A.2.3.3).	4
コード化に関する検証	B.2.i.1.b	REACTIONMEDORALLT	Events Tab / Event Information / LLT	Encoded value of element tag [REACTIONMEDORALLT] missing.	1, 2, 3
	B.2.i.1.b	REACTIONMEDORALLT	症例フォーム / 有害事象 / 有害事象 / 有害事象情報 / 有害事象のコード化 / 下層語 (LLT)	項目タグ [REACTIONMEDORALLT (B.2.i.1.b)] のエンコードされた値が未入力です。[有害事象情報] 下層語 (LLT) (コード)]。	4
	B.2.i.2.b	REACTIONMEDORAPT	Events Tab / Event Information / Preferred Term	Encoded value of element tag [REACTIONMEDORAPT] missing.	1, 2, 3

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As can be seen in the PDF, the sample report displays the case form fields where the validation error has occurred.

Apart from the case form location where the error occurred, the report lists the type of error, data elements, DTD elements, the actual message/cause of the error, and the profiles which were tested for each validation type.

The validation checks are profile-dependent but every ICSR check report tests for Mandatory Elements check and Mandatory Optional Elements check.

ICSR Validation

This report has 5 main sections:

1. Mandatory Elements
2. Mandatory Elements for Completed Reports
3. Do Not Enter Elements
4. Elements for which English Characters are not allowed
5. Other Validation Errors

Transmit and Monitor ICSR Reports

Argus Safety provides utilities that enable you to schedule and transmit E2B reports. Using these utilities, you can also track the status of the transmitted E2B reports. This chapter includes discussions of the following:

- [Log In and Out of Argus Safety](#)
- [Schedule an E2B Report](#)
- [View a Scheduled E2B Report](#)
- [Transmit E2B Reports](#)

Log In and Out of Argus Safety

Before starting Argus Safety, ensure that your company's Argus Safety Administrator of your company has created an account for you and that you have the correct Username and Password for the system. Be aware of the following:

- If you enter an incorrect username or password three (3) consecutive times, the system disables the Login button and displays the following message:
The login button has been disabled due to 3 consecutive incorrect entries of Username or Password. Please refresh the page to enable the Login button.
- The Date/Time format is DD-MMM-YYYY HH:MM:SS to reflect the 24-hour format used by the Web server.
- When you click the name of an enabled/disabled module, the system opens the an Oracle Web site page in a new Internet Explorer window to enable you to access product information:

<http://www.oracle.com/us/industries/health-sciences/resources/overview/index.htm#Datasheets>

To log in to the Argus Safety application:

1. Open Microsoft Internet Explorer and enter the Uniform Resource Locator (URL) of Argus Safety Web in the Address bar.
2. When the Argus login screen opens, enter your username and password in the appropriate fields.

Note: Available modules appear in bold text on the log-in screen. Once the system authenticates your log-in information, you will be able to access these modules.

3. Select the appropriate database from the Database drop-down list and click Login.

Note: If you get an error message such "Unable to connect to the database," you may not have permission to access the database. Please contact your database administrator for assistance.

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Argus Safety

Username

Password

Database
 PR703CER

日本語 Login

30-JUL-2013 04:26:17

Oracle Health Sciences Safety Suite :

- Argus Safety
- Argus Safety Japan
- Argus Affiliate
- Argus Interchange
- Argus Unblinding
- Argus Analytics
- Argus Insight
- Argus Mart
- Argus Dossier
- Argus Reconciliation
- Empirica Topics
- Empirica Signal
- Empirica Study
- WebSDM
- Sebel AECM

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4. Once the system authenticates your log in, you can access the modules whose names are in Bold text.

To Log Out of the Argus Application

Click Logout on the top-right frame of the window to log out of the application.

Schedule an E2B Report

Argus Safety enables you to schedule your E2B reports. In addition, it allows you to generate E2B reports that comply with the adverse event reporting requirements of different regulatory agencies.

Note: When you generate an E2B report, some characters entered by the user in the case form may not be display in the same way in the E2B report. Some characters are represented differently in the E2B report.

To schedule an E2B report:

1. Open a case in Argus Safety and click the Regulatory Reports tab.
2. When the system opens the Regulatory Reports tab, click Schedule New Report.

The screenshot shows the Oracle Argus Safety Web interface. The top navigation bar includes 'Active Cases', 'Worklist', 'Case Actions', 'Reports', 'Local Affiliate', 'Utilities', 'Dashboards', 'Argus Console', 'Argus Insight', and 'Argus Perceptive'. The main content area is titled 'Case Form - AF TEST "FP"' and shows a 'Case Status' of 'US Non Exp Data Entry'. Below this, there is a 'Regulatory Reports' section with a tree view showing 'Reports (1)' expanded to 'Expedited (1)', which includes 'Pending (1) by Destination', 'Submitted (0) by Destination', and 'Marked as Non Submit (0) by Destination'. A table below the tree shows the details of the report:

Seq	Status	Destination	TEST Report Type	License #	License Type	Generated	Submitted	Due	Responsible
1	Draft	EMEA - XIL			Marketed	30-JUN-2009 17:16		05-JUL-2009	
	Initial	Final	E2B		2002	N	Manual: (UNITED STATES (Marketed Drug) 2002)		

- When the system opens the New Expedited Report dialog box, enter the relevant information and click OK.

The screenshot shows the 'Schedule New Expedited Report -- Webpage Dialog' window. The dialog is titled 'New Expedited Report' and contains the following fields and options:

- Report Information:**
 - Product:** Somborin(Somobrin) Tablet 200 mg - Headache
 - License #:** UNITED STATES (Investigational Drug) 2001
 - Destination:** FRANCE (Marketed Drug) 2005, GERMANY (Marketed Drug) 2004, IRELAND (Investigational Drug) 2006, JAPAN (Marketed Drug) 2002, UNITED STATES (Investigational Drug) 2001
 - Report Form:** (Dropdown menu)
 - Aware Date:** (Dropdown menu)
 - Protect Confidentiality of Reporter and Patient
 - Blind Study Product
 - Group:** Administrators
 - Notes:** Manual: Somborin(Somobrin) Tablet 200 mg - Headache (UNITED STATES)
 - Cover Letter:** (Dropdown menu)
- Due Date:**
 - In 5 Days
 - In 15 Days
 - In 30 Days
 - In Days
 - On

Buttons: OK, Cancel

New Expedited Report Dialog Fields

The Schedule New Expedited Report window has a drop-down list on the top section.

The following table lists and describes the fields in the New Expedited Report dialog box.

Item	Function
Product	Select the Company Suspect Product from this drop-down list.
License Number	Select the particular license for which the report is to be scheduled.
Destination	Select the Regulatory Agency to which the report is to be sent.
Report Form	Select the Report Form from this drop down list.
Message Type	Select the message type from the drop-down list, as configured in Argus Console. Note: This field is displayed when an E2B report is selected as the Report Form.
Aware Date	List the date when you became aware of the case. Select the Protect Confidentiality of Reporter and Patient checkbox if you do not wish to disclose the identity of the reporter and the patient of the case.
Group	If you want to assign the report to a specific group, the group can be selected from this drop down list.
Notes	This field is directly mapped to the License but you can modify this field to put in extra notes, as desired.
Cover Letter	You can attach a cover letter with the report, if desired.
Due Date	You can decide to schedule a report to be due in either 5, 15, or 30 days or any number of days or even on any specific date.
New Report	Select this option to schedule a new report.
Non-Reportable Follow-up Report	Select this option to schedule a downgrade report.

Note: Product, License Number, Destination, Report Form (E2B), and Due Date must be entered in the New Expedited Report dialog to schedule an E2B report.

Note: The system allows you to generate E2B reports through AG Service irrespective of the your access rights for blinded information. However, the Blind protected users are not allowed to view E2B reports despite having an Argus Interchange license. If such a user tries to view the E2B report, the system generates the message: "Report is generated but system is unable to show the report as user is protected from study information."

View a Scheduled E2B Report

Use the following procedure to view a scheduled E2B report.

1. In the Regulatory Reports tab, click the row (draft/final) that corresponds to the scheduled E2B Report to generate the report.

The report is generated and can be viewed in the E2B Viewer.

If a validation error occurs during E2B report generation, the validation details are stored in the Report Details dialog.

2. Right-click the report icon and select View Report Details to open the Report Details dialog box.

Transmit E2B Reports

Argus Safety enables you to simultaneously submit multiple adverse event reports to ease the submission process. This section describes how you can use the Bulk Reports by Case and the Bulk Reports by Form features to transmit E2B reports.

Transmit Bulk Reports by Form

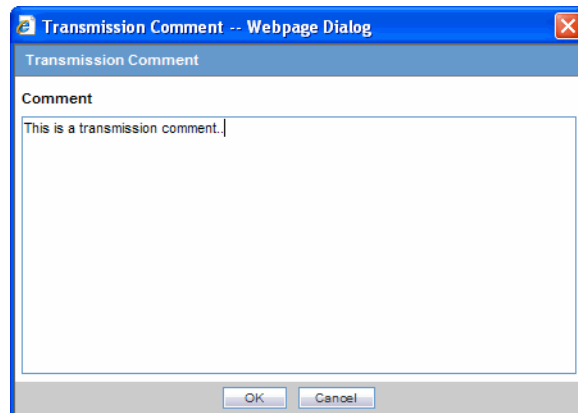
Use the following procedure to transmit Bulk Reports by Form:

1. Click Reports ->Bulk Reporting.

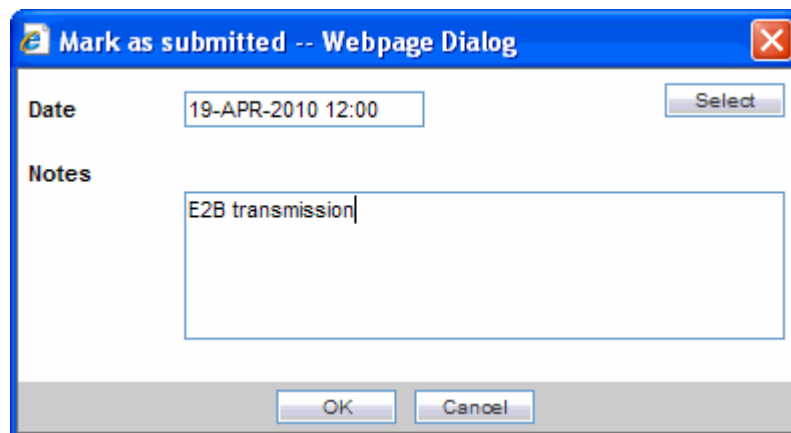
Selected	Lock State	Case Number	Country of Incidence	Report Type	Suspect Product	Diagnosis	S/U/R	F / LT	Report Form	Destination	Initial / Follow-up (#)	Due Date	Days Past Due
<input type="checkbox"/>	Generated	1004-046	JAPAN	Spontaneous	E2BLavMar1	Pain (Pain)	YYYY	7 / 15	E2B	ESM_PMIDA	Initial	21-APR-2010	0
<input type="checkbox"/>	Approved	1002-011	JAPAN	Sponsored Trial	Invlic(+)	Pain (Pain)	YYYY	F	E2B	ESM_PMIDA	Initial	07-FEB-2010	71
<input type="checkbox"/>	Generated	E2B_CASE-50	UNITED STATES	Spontaneous	Somborin	Rash (rash)	YYYY	No	E2B	EMEA - XML	Initial	28-JUN-2009	294
<input type="checkbox"/>	Scheduled	E2B_CASE-50	UNITED STATES	Spontaneous	Somborin	Rash (rash)	YYYY	No	E2B	MAX Agency Name Begin Details Details De	Initial	28-JUN-2009	294

2. When the system opens the Bulk Reporting dialog box, enter the appropriate data in the fields.

3. In the Report Form list, select E2B.
4. Under Printing Options, select Transmit.
5. Select the Mark as Submitted check box if it is required to mark the report as "submitted" after the transmission is successful.
6. Click OK after all the required items in the dialog have been entered. Use the table at the end of this topic to understand the function of each item in the dialog.
7. When the system opens the Transmission Comments dialog box, enter the notes for transmission.



8. Click OK to transmit the report(s)
OR
Click Cancel to close the dialog box without transmitting the report.



9. If the Marked as Submitted check box was selected in step 5, the system opens the Report Submission Information dialog box.
Enter the submission notes in the Notes field and click OK.

Note:

If the Marked as Submitted check box was not selected, the Report Submission Information dialog does not appear automatically. In this case, once the report has been successfully transmitted, it can be marked as "submitted" from the Worklist as follows:

Go to Worklist ->Bulk Transmit and verify that the View All radio button is selected.

Scroll in the list to locate the required report. If the report status is "Success", click the report icon and select Mark Report as Submitted.

In the Report Submission Information dialog box, enter the submission notes and click OK.

Monitor ICSR Transmit Statuses

Use the following procedure to monitor ICSR Transmit Statuses:

1. Click Utilities -> ICSR -> ICSR Transmit Status
2. When the system opens the ICSR Transmit Status dialog, enter the appropriate data.

ICSR Transmit Status Fields

The following table lists and describes the fields in the ICSR Transmit Status dialog box.

Item	Description
Column Headers	Clicking the column header sort the data by that column alternately in a ascending and descending order.
Agency / Trading Partner	Enables you to filter data by selecting the Agency / Trading Partner from the list.
Transmit Date Range From	The search start date.
Transmit Date Range To	The search end date
Range	A pre-defined date that you select from the list.

Item	Description
Message # Range From	The beginning message number for the search.
Message # Range To	The ending message number for the search.
Type	Enables you to filter data by selecting the pre-defined Type of Message (MSG, ACK) from the list.
Print	Enables you to print the current view.
Search	Enables you to perform the search.

Note: The EDI Header control number is shown only for EDI files.

1. Select the appropriate agency or trading partner from the Agency/Trading Partner list.
2. Select the appropriate option, Transmit Date or Message # to search by transmit date or by message number.
3. Enter the appropriate search criteria beside the selected option and click Search.
4. In the search results, click the appropriate report.
5. The Message Acknowledgement Status dialog appears.

6. This dialog provides detailed information about the transmission status of the report. Enter the data for each field as required.

Message Acknowledgement Status Dialog Fields

The following table lists and describes the fields in the Message Acknowledgement Status dialog box.

Item	Description
ICSR Message #	This is the message number of the transmission from the sender.

Item	Description
ICSR Message Sender ID	This is the sender name or identification.
ICSR Message Date	This is the date and time the sender transmitted the message.
Acknowledgement Message #	This is the acknowledgement message number sent by the receiver.
ICSR Message Receiver Identifier	This is the receiver name or identifier.
Acknowledgement Message Initiated on	This is the date and time the receiver got the message.
Transmission Acknowledgement Code	This code indicates whether the receiver loaded all reports or only a portion of the reports into the database.
Case Number	This is the original case number for adverse event.
Authority Number	If the E2B report originates from a regulatory authority, this is the report identification number assigned by the regulatory authority.
Local Case Number	The system uses this number when it retransmits a message. This is the case number at the local organization that is re-transmitting a report it received.
Other Number	The system uses this number when a report originates from an entity other than a trading partner or a regulatory authority.
Report Status	Report status can be either "Report Loaded" or "Report not loaded".
E2B Report Type	This is one of the following report types: Initial Follow up Nullification Duplicate Downgrade
Message	This indicates whether an error message is associated with the transmission or receipt of the report.

PMDA ACK Import Logic

E2B (R2) Reports

The MARK AS SUBMITTED logic has been updated for PMDA E2B reports.

The following scenario is being used to explain the requirement,

The PMDA E2B Report and PMDA ACK element are being referred using the Data Element Numbers in the requirement:

PMDA E2B (R2) ACK:

- A.1.6 (TRANSMISSIONACKNOWLEDGMENTCODE)

Possible Values as per ICH:

01= All Reports loaded into database

02= ICSR Error, not all reports loaded into the database, check section B

03= SGML parsing error, no data extracted

- B.1.8 (REPORT ACKNOWLEDGMENTCODE)

Possible Values as per ICH:

01=Report Loaded Successfully

02=Report Not Loaded

- B.1.9(ERRORMESSAGECOMMENT)

The application has been enhanced such that, when an ACK is received against PMDA E2B report with A.1.6 = 01, B.1.8 = 02, the application treats it as a Positive ACK with warning and marks the report as submitted.

The report submission behavior for different combination of ACK's against PMDA E2B Reports is:

- Ack: A.1.6 = 01, B.1.8 = 01 - Positive Ack, Report is marked as submitted
- Ack: A.1.6 = 01, B.1.8 = 02 - Positive Ack with Warning, Report is marked as submitted
- Ack: A.1.6 = 02, B.1.8 = 01 or 02 - Negative Ack, Report is not marked as Submitted.
- Ack: A.1.6 = 03, B.1.8 = 01 or 02 - Negative Ack, Report is not marked as Submitted.

This behavior of marking PMDA E2B Report as submitted against the positive ACK is applicable only when the report submission is set to any of the following values:

- Use MDN Date as Submission Date and Mark report as submitted only on Positive ACKs.
- Use Business Level ACK Date as Submission Date and Mark report as submitted only on Positive ACKs.
- Use Submitted date as entered by the user and Mark report as submitted only on Positive ACKs.

E2B (R3) Reports

A separate ACK profile is available for the PMDA E2B R3 ACK "ICH-ICSR V3.0 ACKNOWLEDGMENT TEMPLATE - PMDA". It consists of all the Export and Import mapping logic in the OOTB Acknowledgment profile.

The following section explains the import of ACK:

1. PMDA Number (B.r.2)
 - a. PMDA number (B.r.2) element in the PMDA E2B R3 ACK corresponds to the B.1.3 element in the PMDA E2B R2 ACK.
 - b. PMDA has made some modification to structure/information in PMDA Number that is sent against the E2B R3 report as compared to the corresponding information for PMDA R2 ACK; the PMDA number format for PMDA E2B R3 is:

XX-YYYYYYYY-ZZ

XX: represents the 2 digit E2B (R3) code of reporting category of the original ICSR submitted by the company.

YYYYYYYY: represents the 8 digit unique PMDA ID provided to a successfully loaded ICSR.

ZZ: represents the count of successfully loaded initial and follow-up reports for that case and reporting category. This is sent by PMDA to the company for information purposes only.

- c. Application logic for ACK import has been enhanced such that application identifies the ACK that is getting imported is against the PMDA E2B R3 report, the import logic has been enhanced to handle the newly added ZZ component in the schema such a way that it is loaded in the ESM schema and is available for user to view in the Report Details Dialogue *View ACK Acknowledgment Report Tracking #* and Bulk E2B Transmit *Messages* (tab) *View Acknowledgment* (context menu).
 - d. The Case Form > PMDA Tab > PMDA Number displays only the 8 digit YYYYYYYY number as it does for the PMDA E2B R2 report.
2. Transmission Acknowledgement Code (A.4) and Acknowledgement Code for a ICSR Message (B.r.6)

The above elements in the PMDA E2B R3 ACK indicate the status of the PMDA E2B R3 report, and the values for the code are in line with that of ICH. For ready reference, below are the values for these elements:

Allowed Values for A.4

- AA - Application Acknowledgement Accept (message successfully processed, no further action)
- AE - Application Acknowledgment Error (error detected, error response has additional detail, some ICSR message(s) need further action)
- AR - Application Acknowledgment Reject (parsing error, no data extracted, re-send the entire transaction)

Allowed Values for B.r.6

- CA - Commit Accept (the ICSR message successfully loaded)
- CR - Commit Reject (the ICSR message contains fatal error that prevents the ICSR from being loaded)

The similar codes A.1.6 and B.1.8 exists in the PMDA E2B R2 ACK file as

Allowed Values for A.1.6

- 01= All Reports loaded into database
- 02 = ICSR Error, not all reports loaded into the database, check section B
- 03= SGML parsing error, no data extracted

Allowed Values for B.1.8

- 01=Report Loaded Successfully
- 02=Report Not Loaded

1. Currently while importing the ACK for PMDA E2B R2 if the ACK File is received such that the value of A.1.6 = 01 and B.1.8 = 02 the application interpret it to ACK with a warning i.e. the PMDA has loaded the report in there system but are some warnings for which a follow-up report is required.
2. As per the PMDA E2B R3 guideline the same warning situation is indicated with A.4 = AE and B.r.6 = CA, and application logic shall be enhanced to handle the warning ACK similar to that of PMDA E2B R2
3. The warning ACK shall be handled across the application not limited to the following locations:
 - *ACK Import*
 - *Worklist ' Bulk E2B Transmit (Reports & Messages Tab)*

- Report Details Dialogue

The following table explains the possible combinations for A.4 and B.r.6 in a PMDA E2B R3 ACK file:

A.4	B.r.6	Results
AA	CA	Positive
AE	CA	Warning
AE	CR	Negative
AR	CR	Negative
AA	CR	Invalid
AR	CA	Invalid

Monitor ICSR Receive Statuses

Use the following procedure to monitor ICSR Receive Statuses:

1. Select Utilities -> ICSR -> ICSR Receive Status.
2. When the system opens the ICSR Receive Status dialog box, enter the appropriate data in each field.

ICSR Receive Status Dialog Fields

The following table lists and describes the fields in the ICSR Receive Status dialog box.

Item	Description
Agency / Trading Partner	Enables you to filter data by selecting the Agency / Trading Partner from the list.
Receive Date Range From	The search start date.
Receive Date Range To	The search end date.
Range	Enables you to select a pre-defined date range
Message # Range From	The beginning message number for the search.
Message # Range To	The ending message number for the search.
Type	Enables you to filter data by selecting the pre-defined Type of Message (MSG, ACK) from the list.
Control #	The control number.
Local Msg #	The local message number.
Remote Msg #	The remote message number.
Total Reports	The total number of reports.
Rejected Reports	The number of rejected reports.
File Name	The name of the received file.
Received from EDI	The date and time the file was received.
Transmission Status	The transmission status for the file.
Print	Enables you to print the current view.
Search	Enables you to initiate the search.

Note: The EDI Header control number is shown only for EDI files.

1. Select the appropriate agency or trading partner from the Agency/Trading Partner list
2. You can search for the receive status by either receive date or message number. Select the appropriate option among Transmit Date and Message #.
3. Enter the appropriate search criteria beside the selected option and click Search.
4. In the search results, double-click the appropriate report.
5. When the system opens the Message Acknowledgement Status dialog, enter the appropriate data in each field.

Message Acknowledgement Status Dialog Fields

The following table lists and describes the fields in the Message Acknowledgement Status dialog box.

Item	Description
ICSR Message Number	This is the sender's transmission message number.
ICSR Message Sender ID	This is the sender name or identifier.
ICSR Message Date	This is the date and time the sender transmitted the message.
Acknowledgement Message #	This is the receiver's acknowledgement message number.
ICSR Message Receiver Identifier	This is the receiver name or identification.
Acknowledgement Message Initiated on	This is the date and time the message was received.
Transmission Acknowledgement Code	This indicates whether the receiver loaded all transmitted reports or part of the transmitted reports into the database.
Case Number	This is the original case number for adverse event.
Authority Number	If the E2B report originates from a regulatory authority, this is regulatory authority's report identification number.
Local Case Number	The system uses this number when it retransmits a message. This is the case number at the local organization that is re-transmitting a report.
Other Number	The system uses this number if the report originates from an entity other than a trading partner or a regulatory authority.
Report Status	Report status can be either "Report Loaded" or "Report not loaded."
E2B Report Type	This is the report type. It can be one of the following Initial Follow up Nullification Duplicate
Message	This indicates whether an error message is associated with the transmission or receipt of the report.

Validation Check of Incoming Message

Prior to updating the transmission status of the reports, the application identifies the type of incoming message and validates the incoming message. The E2b service processes all the incoming messages located in a folder either in incoming EDI directory or physical media directory. Incoming E2b Messages are retrieved as SGML from a shared directory. The incoming folder is configurable in INI file. E2b message is parsed to check the validity of the SGML file using the correct version of DTD. The incoming message is saved after checking that message is in compliance with DTD.

The recipient of the E2b message acknowledges receipt of message and notifies the sender about the validity and usability of the data in the reports. The acknowledgment message is called as ICSR Acknowledgment Message. When a message is acknowledged, workflow status of the E2b report is updated with one of the following three status:

- All reports loaded into recipient database
- ICSR Error, not all reports loaded into database
- SGML parsing error no data extracted

The acknowledgement contains two sections, one concerning the validity of the message as a whole and the second containing comments on the validity of the individual reports within the message. Create a folder and configure the INI file where all the incoming messages can be stored. The E2b service processes the received message and copies it in the incoming Physical media folder.

The message is validated based on the ICH ICSR acknowledgement specifications and the format of the message identified by DTD version. Correctness of receiver and sender identifier present in the message header is also validated to verify that the message is not sent to the wrong recipient.

The content of the message is validated based on the following:

- Required Data
- Data Type
- Data Length
- Field Value

The system identifies message type (acknowledgement) and the DTD version of the message. If the application is unable to identify the message type or DTD version, then the error is logged in the log table and further processing is stopped. The application sends an email to configured email address indicating the failure to read the message.

Application checks for the presence of the duplicate in the system based on the 'Sender identifier' and 'Acknowledgement Message Tracking #'. Processing of the acknowledgement is stopped, if duplicate message is found in the database and an error is logged into the log table.

The following table describes the error messages and reasons for the occurrence of corresponding errors.

Process	Error message	Possible Reason of error
Read the Incoming message from the folder	XML File not in path.	File is removed.

Process	Error message	Possible Reason of error
Identification of the incoming message type	<<File Name>> not a valid XML File	File format is not as per ICH guidelines.
Identification of the incoming message type	Not valid ICH ICSR message Tag '<i>ichicsrmessageheader</i>' not found	File does not contain the valid ICH Message Header.
Identification of the incoming message type	Failure to identify the type of incoming message. Either Tag <i>messagetype</i> is missing/misspelled or tag does not contain valid value. The valid values are ICHICSR, ICHICSRACK	The incoming file is identified as a message or acknowledgment. The identification value is wrong.
Identification of the incoming message type	Record not found in CFG_PROFILE table for DTD version '2.1', DTD release '1.1', Active profile = 'Y' and profile type starts 'ACK%'	Profile does not exist in cfg_profile table.
Validation of the incoming message type	M2 Validation failed for incoming message. The following are the elements and values:<<Element, value>>	M2 validation failed on the message header.
Identification of the incoming acknowledgement type	Not valid ICH ICSR message Tag '<i>messageacknowledgment</i>' not found	File does not contain the valid ICH Acknowledgment Header.
Processing acknowledgment	Record not found in MESSAGES table for the ICSRMESSAGE number <<MessageNum>> ICSRMESSAGE receiver identifier <<receiver info>> for the received acknowledgment	Record is deleted from the database.
Processing acknowledgment	Duplicate acknowledgment received for ICSRMESSAGE number <<message number>> and ICSRMESSAGE RECEIVER IDENTIFIER <<receiver info>>	Acknowledgment already exists for this message number.
Processing acknowledgment	<i>reportacknowledgment</i> section is missing from the received acknowledgment, MESSAGE number <<message number>>	Acknowledgment does not contain the report acknowledgment body.
Processing acknowledgment	Record not found in SAFETYREPORT table for company number <<Company Number>> and msg_id <<message id>>	Record is deleted from SAFETYREPORT table from database.

Refer to the sample email messages that are sent to the configured email address in case of message validation failure:

- In case of invalid XML format:

From: E2b service user

Subject: <<file name>> not valid XML formats file

Content: This mail has been sent by the system to notify that the system has failed to identify the file <<file name>> as a valid XML file.

Error has occurred on Line: <<line no>>, Source Text <<Error Text>>, Error Code <<Parsing Error Code>>, Error Reason <<Error Reason>>

Thanks,

<< E2b service user >>

- In case the application fails to identify the incoming message:

From: E2b service user

Subject: Failure to Identify the Type of Incoming Message.

Content: This mail has been sent by the system to notify that the system has failed to identify the type of the incoming message (Acknowledgement or a Message) present in the file <<Incoming Message File Name>>.

Thanks,

<< E2b service user >>

- In case of validation failure of the incoming acknowledgement:

From: E2b service user

Subject: Validation Failure of the Incoming Acknowledgement.

Content: This mail has been sent by the system to notify that the system has failed to further process the incoming acknowledgement present in the file <<Incoming Message File Name>>.

The following are the reasons for this failure:

#<n>. <<Insert the corresponding relevant error message.>>

Thanks,

<< E2b service user >>

You can view the acknowledgement information of a report such as acknowledgement message tracking #, acknowledgement report tracking #, date acknowledge initiated, company ICSR message, and error reported by receiver, in the Report Details dialog.

The status of the each E2b report is updated based on the information extracted from the ICSR acknowledgment, irrespective of the transmission status (Success or Failure). Refer to the section "[View Acknowledgement Information](#)" on page 4-18 for viewing the acknowledgement information.

Nullification Reports

The system can automatically schedule, generate, and transmit a Nullification Report under the following circumstances:

- When a case is deleted and an E2B Report is submitted to a reporting destination based on the Profile switch for sending E2B nullifications.
- When an E2B report is submitted and marked as unsubmitted from Reports | Compliance | Submitted Reports:
 - The Reason for Unsubmitting the report is sent as the nullification reason for the report.
 - If the user selects the Send Nullification on Unsubmission of E2B Reports check box, the system also sends a nullification to the reporting destination where the E2B Report was previously submitted.
 - If the user does not select the Send Nullification on Unsubmission of E2B Reports check box, the system does not send a nullification to the reporting

destination where the E2B Report was previously submitted unless the user deletes the case.

- If a previous nullification for the E2B Report or an unsubmitted report is sent for a case and the case is deleted at a later date, the system does not send a duplicate nullification for the previous report.
- When the system generates the Nullification report, the system updates the following E2B items with updated values from the previous report.

Updated E2B Items	Update Content
M.1.4	System uses a different unique number from that used in the last report.
M.1.7a	System enters the message date format.
M.1.7b	System enters the message date.
M.2	System increments this value every time it transmits the report.
A.1.3a	System enters the message date format.
A.1.3b	System enters the message date.
A.1.13	System enters 1=Yes on the Nullification report.
A.1.13.1	System enters the reason for the Nullification report.

- When you accept a Nullification report, the system creates an Action Item in the case. The action item tells you that the system will delete the case if you click OK on the acceptance dialog for all unarchived cases.
 - Action Item is a type ahead field and its default is blank.
 - The field is populated with values from the action item configured in the code List.
 - You can assign the number of days until the action item is due in the Due In field. The system enables this field after you select an Action Item type.
 - The system calculates the due date as follows: System Date (local client date) + Due In number of days.
 - The system puts the System Date (local client date) in the Date field.
- When creating the action item, you can select a value from the Code List and the Action Item Description. The system uses the following format: Nullification: xxx where:
 - xxx is the value entered in the Notes field.
- By default, the system assigns the action item to the user group in the User Group field.
 - There can be a maximum of 25 user groups in the drop-down list.
 - The system performs a like search when you select a value in the User Group field.
 - If the User Group field is blank, the system does not assign the action item.
 - This is enabled after you select an action item.
- If you do not select an action item, the system does not create an action item for the case.

- If you accept multiple cases, the system creates action items for all accepted cases.
- The system skips open, locked, or archived cases or cases you don't have permission to access.
- If the system archives a case while you are accepting the nullification report, the system displays the Archived Case dialog to enable you to open the archived case.
- After you reopen the case, the system displays the Accept Nullification E2B dialog.
- If you do not have permission to reopen an archived case, the system displays the following message:

You do not have permission to Re-Open an archived/closed case.

View Statuses

Argus Safety provides the feature to monitor the transmission status of E2B reports.

Use the following procedure to check the status of transmitted E2B reports.

1. Select Worklist -> Bulk ICSR Transmit.



2. Click the Bulk ICSR Transmit tab to view the status of transmitted reports.

Note: Viewing the transmission status of E2B reports is a feature available only in Argus Safety Web.

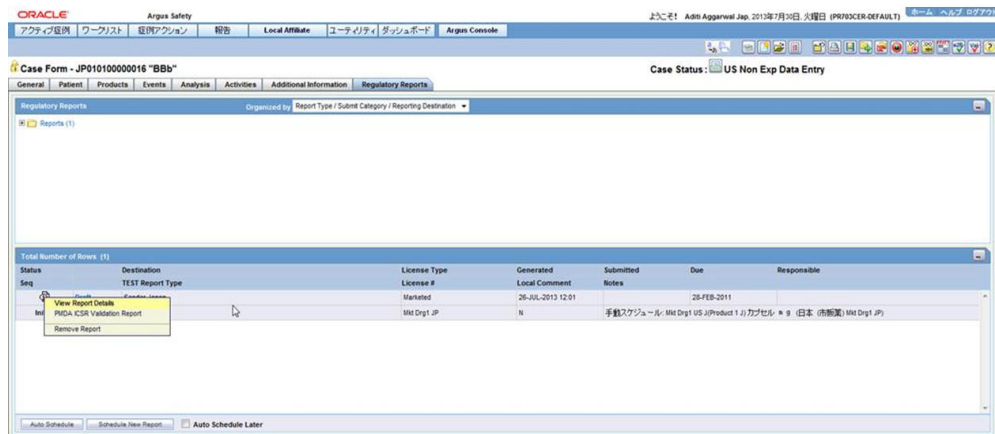
View Acknowledgement Information

In Argus Safety, you can view detailed acknowledgement information for a report sent to a trading partner or a regulatory authority. Use the following procedure to view acknowledgement information.

The status of each report is updated, based on the information extracted from the ICSR acknowledgment, irrespective of the transmission status (Success or Failure).

The acknowledgement information such as acknowledgement message tracking #, acknowledgement report tracking #, date acknowledge initiated, company ICSR message and error reported by receiver is displayed in the Report Details dialog.

1. On the Regulatory Reports tab of the Case Form, click the E2B report and select View Report Details.



- When the system opens the Report Details dialog, click View ACK Information to view the acknowledgement details for that report. If the report is rejected, an error message or a comment appears in the Notes area of the dialog

When the Acknowledgement Information dialog opens:

Click Print to print the acknowledgement details

OR

Click OK to close the dialog box.

Use the ICSR Viewer

The ICSR Viewer enables you to open E2B files and view them in different formats. You can print these files from the ICSR viewer.

Open the ICSR Viewer

The ICSR Viewer enables you to view your E2B reports in the following views. A new switch is added to identify the default viewing format of the PMDA E2B R3 report in the ICSR viewer.

View	Description
SGML	Displays the E2B report in the SGML format. This view is applicable for non-Japanese E2B reports.
Decoded View	<p>Displays all the E2B elements in groups and subgroups. Elements eligible for decoding with their decoded values in parentheses.</p> <p>Decoded View supports the following Argus J specific views for Japanese E2B reports:</p> <ul style="list-style-type: none"> ■ I - Decoded View ■ J - Decoded View <p>I and J Decoded Views display following information on the screen in Japanese language:</p> <ul style="list-style-type: none"> ■ Field Labels on the screen ■ Folder Tree Values ■ Decoded description values wherever there is a text. <p>In this view, the application lists the ICH and PMDA element in the decoded formats as per the applicable decoded value based on the allowed values set for the element against the profile. Besides, the element number and decoded element description (both English and J) are based on the "Data Additional Information Tab Case Form 1-28 Element R3" and Title/J Title respectively as per PMDA E2B R3 Mapping.</p>
CIOMS	For details on the CIOMS view, refer to the "E2BCIOMSMapping" document. This view is applicable for non-Japanese E2B reports.
HL 7 View	In this view, the application opens the report within the HL7 message format as per the PMDA Guidance (as explained in the report generation section).

View	Description
MedWatch	For details on the MedWatch view, refer to the "E2BMedWMapping" document. This view is applicable for non-Japanese E2B reports.
I-SGML	Displays ICSR I data items in SGML format.
J-SGML	Displays ICSR J data items in SGML format.
I-Decoded	Displays the Decoded view for all the I elements of a PMDA E2B report.
J-Decoded	Displays the Decoded view for all the J elements of a PMDA E2B report.
PMDA Report Form	Displays the appropriate PMDA form, as per the reporting category.
Native XML View	In native XML view, the application lists all the ICH and PMDA specific elements as per the PMDA E2B R3 Mapping.

You can also view the E2B Report from the Argus Safety application.

Click the **Draft** or **Final** status for a report in the **Regulatory Reports** tab of Case Form.

PMDA E2B Report Mapping

Companies often send the expedited case reports to PMDA through E2B XML transmission over a specified gateway. The E2B Report adheres to the guidelines provided by the PMDA in conjunction with the ICH, which the Argus Safety Applications need to follow.

The PMDA profile E2B transmission logic for SERIOUSNESS [A.1.5.2] tags considers on those events which have been included in the PMDA E2B based on event reportability criteria. This is applicable to the following tags:

1. SERIOUSNESSDEATH
2. SERIOUSNESSLIFETHREATENING
3. SERIOUSNESSHOSPITALIZATION
4. SERIOUSNESSCONGENITALANOMALI
5. SERIOUSNESSDISABLING
6. SERIOUSNESSOTHER

The E2B transmission logic for SERIOUSNESSDEATH tag which currently looks at death details even though it is not related to any event included in the E2B has been removed. It is transmitted as 1 (Yes), only if at least one event which is included the E2B report has Death associated with it. Otherwise, it will be transmitted as 2. This is applicable to all E2B profiles - ICH, FDA, EMEA and PMDA.

The transmission logic for SERIOUSNESSDEATH tag has been removed. It is transmitted as 1 (Yes), only if at least one event which is included the E2B report has Death associated with it. Otherwise, it shall be transmitted as 2. This is applicable to all E2B profiles - ICH, FDA, EMEA and PMDA.

All the E2B check validations for all profiles - ICH, FDA, EMEA and PMDA, related to the following tags will be corrected to only refer to seriousness of the events which are included in the E2B report:

1. SERIOUS

2. SERIOUSNESSDEATH
3. REACTIONOUTCOME

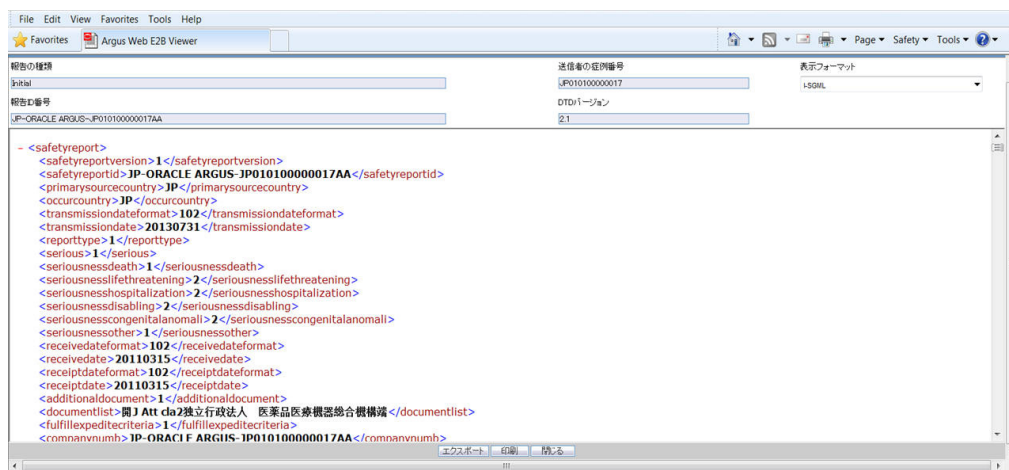
For PMDA E2B reports, if there are no reportable events for the E2B / PMDA Paper Reports, then instead of opening PMDA ICSR Validation Report with missing mandatory tag errors for REACTIONMEDDRAPT and REACTIONMEDDRALLT tags, application shall display an Argus standard messagebox with OK button and error message: *No reportable event exists for the report.*

Note: For additional details, refer to the PMDA E2B Report Mapping Guide that is part of the Technical Reference Manual, as part of this release.

Export an SGML File

The system enables you to use the following procedure to export an SGML file.

1. Click the Final E2B report type on the Regulatory Reports tab.
2. When the system opens the E2B Viewer window, Select SGML from the View Format drop-down list.



3. When the system displays the contents of the SGML file, click Export.
4. When the system displays the SGML report, click File -> Save As.
5. When the system opens the Save As dialog box:
 - a. Enter a name for the file.
 - b. Browse to the folder where the file is to be saved
 - c. Click Save to save and export the SGML file.

Note: Exporting an E2B report can only be done from the SGML view on final reports. If you select draft, the Export button becomes unavailable

Import ICSR Reports

Incoming ICSR Reports

Incoming ICSR Reports can be viewed from the Incoming ICSR Report screen. This section includes discussions on the following:

- [Search for Duplicate Cases](#)
- [Use the View Differences Report](#)
- [View the E2B Report](#)
- [Accept Single/Multiple E2B Reports](#)
- [E2B Initial/Follow-up Intake](#)
- [E2B Follow-up Acceptance for Closed/Locked Cases](#)
- [Source XML Received for the Case](#)
- [Import E2B \(R3\) Messages](#)
- [ICSR Pending Screen for \(R3\) Report](#)

Search for Duplicate Cases

The Duplicate Search dialog for E2B report allows you to search for possible duplicate cases in the Argus Safety system. You can select different combinations of search criteria. When more than one criterion is selected, only cases that satisfy all criteria are listed. By default, only the fields that are present in the E2B Report are checked for the Duplicate Search.

Use the following procedure to perform a duplicate search.

1. Select Reports -> ICSR Pending Report.
2. When the system opens the Incoming E2B Reports dialog, right-click a case to perform a duplicate search.
3. The system displays the search results at the bottom of the dialog box.

Duplicate Search Dialog Box Fields

The following table describes the fields present in the Duplicate Search dialog.

Field	Description
Agency	The name of the primary agency.
Original Case Number	The submitter's original case number.
Message Number	The case message number.
Product Name	The name of any product on XML.
Generic Name	The active substance on XML.
Report Type	The type of report.
Study ID	The unique value that identifies the study.
Receipt Date	The date Argus received the report and saved it in the system.
Center ID	The ID of the center.
Sal.	The salutation, such as Mr. or Mrs.
Suffix	The suffix, if applicable, that follows the name (e.g., Jr., Sr., III, etc.)
First Name	The first name of the patient.
Last Name	The last name of the patient.
Country of Incidence	The country where the incident occurred.
State	The state where the incident occurred.
Postal Code	The postal code of the area where the incident occurred.
Patient Name	The name of the patient.
Event Desc.	A description of the adverse event.
Initials	The initials of the patient.
Onset Date	The date from the first reaction or adverse event occurred.
Pat. ID	The unique value that identifies the patient.
Age/Units	The age of the patient.
Pat. DOB	The patient's date of birth.
Gender	The gender of the patient.
Reference #	National Regulatory Authority's Report Number, used as a Reference Number.
Journal	The journal name of the literature reference.
Keyword	Select the check box and enter a keyword to be searched, if required.
Title	Select the check box and enter a title to be searched, if required.
Nullification Reason	The reason the case was nullified.
Accept Initial E2B as Follow-Up	Enables you to accept initial E2B as a follow-up to an existing case.
Search	Finds results matching the specified search criteria.
View E2B	Enables you to view the E2B report.
Accept E2B Case	Enables you to accept an E2B case.
Reject E2B Case	Enables you to reject an E2B case.
View Warning	Enables you to view warnings associated with the case.

Field	Description
View Differences	Enables you to view the differences between the XML to be imported (a message that is not yet imported into the database), the current case data in the database, and the last imported case. Note: This button is available only for follow-up and nullification reports.
Case Number	The case number of the case matching the search criteria.
Pat. Initials	Displays the initials of the patient in the case matching the search criteria.
Action	Enables you to view the Case Summary dialog.
Project ID	Displays the Project ID of the case matching the search criteria.
Study ID	Displays the Study ID of the case matching the search criteria.
Date	Displays the date of the case matching the search criteria.
Country	Displays the country name of the case matching the search criteria.
Product	Displays the product name involved with the case matching the search criteria.
Event	Displays the event involved with the case matching the search criteria.
Report Type	Displays the report type of the case matching the search criteria.
Reporter	Displays the reporter involved with the case matching the search criteria.

Note: The search output is displayed in the Total Number of Rows section. You can click the Action icon to view the Case Summary dialog.

Use the View Differences Report

The View Differences Report enables you to view differences between the following:

- The current XML being imported (a message not yet imported into the database)
- The current case data in the database
- The last imported case.

Click View Differences from the Duplicate Search screen to view the View Differences report. View Differences is available only for follow-up and nullification reports only.

The following table lists and describes the fields in the View Differences report:

Field	Description
Trading Partner	Enables you to view the name of the Trading Partner sending the E2B report. Note: The Lock/Archive icon displayed with this field indicates the status of the case.
DTD Version	Enables you to view the DTD version of the follow-up E2B report.

Field	Description
Case Number	Displays the sender's original case number for the E2B report.
Follow Up #	Displays the sequence number of the follow-up for the E2B report.
Total Number of Rows	Allows you to select the type of E2B Difference to view from: Current E2B vs. Current Case in Database Current E2B vs. Last Imported E2B Current Case in Database vs. Last Imported E2B
Import	This check box highlights import differences.
E2B Element	Refers to the data elements in the incoming E2B report or in the existing report.
Current E2B	Refers to the data in the incoming XML that has not yet been accepted in the current E2B.
Current Case in Database	Refers to the data in the current case in the database.
Last Imported E2B	Refers to the data showing the last imported E2B.
Accept Follow-up	Allows you to accept follow-up reports with the corresponding fields selected for import.
Reject Follow-up	Enables you to reject follow-up reports for import.
Print List	Provides the difference report in a PDF format.
Close	Enables you to close the window.

Displaying Differences

The differences in the E2B reports are displayed in the following manner:

- Addition - New elements on incoming XML are highlighted in grey.
- Deletion - Deleted elements are highlighted in red.
- Modification - Modified elements are highlighted in yellow.

For PMDA R3:

- The Difference report viewer lists all the ICH and PMDA regional elements in one single view similar to that of EMA R3 (unlike the PMDA E2B R3 where there were two I and J views).
- All the concepts for the R3 import frameworks such as deletion, primary key matching of the records, and custom comparison logic are also available for PMDA E2B R3 ICSR import.

View the E2B Report

Use the following procedure to view the E2B Report:

1. Select Reports -> Duplicate Search and right-click to the Duplicate Search dialog box.
2. Click View E2B to view the E2B report in the ICSR Viewer.

Accept Single/Multiple E2B Reports

Use the following procedure to accept single and multiple E2B reports:

1. Select Reports -> E2B Pending to open the Incoming ICSR Report dialog box.
2. When the system opens the Incoming ICSR Report dialog box:
Select Accept ICSR to accept a single report
OR
Select the check boxes for each report and click Accept ICSRs to accept multiple reports.
3. When the system opens the Acceptance of Initial Report Confirmation dialog box, enter the password and any relevant notes.
4. Click OK to accept the case.

Note: Accept ICSRs can be performed only when the system numbering is set to Automatic.

5. If the system is configured to automatically number cases, the system opens the case accepted dialog appears with the generated case number.
6. Click OK to close this dialog.

Note: If the system is configured to manually number cases, you will be prompted to enter a case number for the case that is being accepted.

For PMDA R3:

The case acceptance procedure supports the batch import of the R3 message (unlike PMDA E2B R2).

E2B Initial/Follow-up Intake

During case acceptance, you can access selective acceptance fields in the report.

- The Selective Acceptance feature is enabled only for single initial ICSRs and is a right-click option.
- If you select multiple ICSRs, the system disables this button.
- If you select a single follow-up or nullification ICSR, the system disables this button.
- When the system displays the E2B Difference Report dialog, you can select the elements required to create or update a case without the system displaying the Case Number and Follow-up Number in the difference report dialog for initial reports.
- The following changes have been made to the Initial Intake and the Follow-up Difference Report dialogs:
 - The system displays the decoded view to enable you to select the elements (e.g., US [United States]).
 - The system prints the check box options for the Initial Intake and Follow-up Difference Report dialogs.
 - The label is updated to Select when selecting elements for the Initial Intake and the Follow-up Difference report dialog.

- You must select the following fields before the system will permit you to accept the Initial case. By default, all the fields are selected.
 - Country of Incidence (default and grayed out)
 - Report Type (default and grayed out)
 - Initial Receipt Date (default and grayed out)
 - Any one Product
 - Any one Event Term
- If you fail to select these fields, the system displays the following message:
E2B cannot be imported as it does not meet minimum Argus requirements.
- The system permits you to print the Initial ICSR report.
- When you click Accept Initial, the system displays the Accept E2B Case dialog. When you complete the data elements and click OK, the system displays the Error/Warning message dialog for any elements you have selected.
- Once you accepts the case as an initial or follow-up case, the system attaches the Source XML (ICSR) and the Initial Selection PDF to the case in the Additional Info tab.
- Initial/Follow-up Source XML
 - Attachment Classification. As specified in the Reporting Destination for the XML source classification.
 - Date. The system date when the case you accepted XML for the case.
 - Description. The acceptance notes you entered for XML.
 - When you click the Source ICSR, you can see the ICSR when opening the ICSR View (E2B Viewer).
- Initial Selection PDF
 - Attachment Classification: As specified in the Reporting Destination for the Selection Source Classification.
 - Date: The system date when you accepted XML for the case.
 - Description: The date you entered acceptance notes for XML.
- Follow-up Source XML
 - When you click the Source ICSR PDF or the E2B Difference Report, you can view the Initial Selection PDF or the E2B Difference Report in a different IE window.
- Once you accept a case as an initial or a follow-up ICSR, the system prefixes the Business Level Acknowledgement Notes with the case number in the following format:
Imported Case #: XXXXXX
where:
XXXXXX is the case number
- The system attaches the current notes sent in the Business Level Acknowledgement.

- If the system receives the ICSR via the physical gateway (configured at the reporting destination level), the system sends a low level ACK to indicate the file was received by the Argus Interchange Service.
- For Auto Accepted ICSRs, the system does not attach the source PDF in the case because the source XML is attached.
- The system places this file in the Physical Out folders as configured for the reporting destination in the E2B Mapping Configuration.
- For EDI received files, the system continues to let the EDI Gateway send the low level ACK as it does currently.
- The Interchange Services does not process the low level ACK received in the Physical In destination folder, but enters any errors in the log file since the file will always be rejected by the Interchange Service.

E2B Follow-up Acceptance for Closed/Locked Cases

- If you try to accept follow-up information for a closed or locked case, the system prompts you to unarchive or unlock the case for processing after entering the password and acceptance notes.
- If the system archives a case while you are accepting the report, the system displays the Case Re-open dialog to enable you to open the case.
- If the system locks a case while you are accepting a report, the system displays the Case Unlock dialog to enable you to unlock the case.
- After the you reopen the case, the system accepts all updates as defined in the follow-up information you selected.
- If the you do not have permission to reopen an archived or locked case, the system displays the following message:
- You do not have permission to Re-open an Archived/Closed case or Locked Case.
- If you select multiple open, locked, or archived cases or if you do not have permission to open the case, the system skips the cases.
- The system does not create follow-up actions for cases that it accepts automatically.

Source XML Received for the Case

Once Argus accepts a case as an initial or follow-up case, the system attaches the source XML (ICSR) and the Initial Selection PDF to the case in the Additional Info tab as follows:

- Initial/Follow-up Source XML
 - Attachment Classification &endash; As specified in the Reporting Destination for XML Source Classification.
 - Date &endash; The system date when the user accepted the case for XML.
 - Description &endash; The acceptance notes entered by the user for XML.
 - When the user clicks the Source ICSR, the system permits the user to view the ICSR by opening the ICSR Viewer (E2B Viewer).
- Initial Selection PDF

- Attachment Classification. As specified in the Reporting Destination for Selection Source Classification.
- Date. The system date when you accepted the case for XML.
- Description. The acceptance notes you entered for XML.
- Follow-up Source XML
 - When you click the Source ICSR PDF or the E2B Difference Report, the system enables you to view the Initial Selection PDF or the E2B Difference Report in a different IE window.
- When you accept the case as an initial or follow-up ICSR, the system inserts the case number before Business Level Acknowledgement Notes in the following format: Imported Case #: xxxx
- If the system receives the ICSR via the physical gateway, it sends a low level ACK to indicate that the file was reviewed by Argus Interchange Services.
 - The system places the file in the Physical Out folders as defined in the reporting destination configured in the E2B Mapping.
 - When the system receives files from EDI, the system continues to let the EDI Gateway send the low level ACK.
 - The Interchange Services does not process the Low Level ACK in the Physical In destination folder but enters any errors in the log file because the file will always be rejected by the Interchange Service.

Import E2B (R3) Messages

- The import process for PMDA E2B R3 imports a single xml file similar to that of a EMA R3 message (unlike PMDA E2B R2 which consists of two files I & J).
- ICSR Import logic for PMDA E2B R3 enables you to import an incoming ICSR file using PMDA E2B R3 profile that consist of only ICH elements i.e. if there are only the ICH elements present in the incoming message, the files would still be imported for ICH elements.
- In the incoming ICSR message for both PMDA E2B R2 and R3, if there is no J2.1a (for R3) and J.4a(for R2) value in the incoming ICSR message then it is considered as Marketed ADR report, and either domestic or foreign is decided based on the COI identified on the data in the incoming ICSR (Primary reporter country or the Reaction occur country).
- Similar to that of PMDA E2B R3 export (same as ICH and EMA) the incoming PMDA E2B R3 messages is expected to be in UTF-8 format rather than the Shift-jis. In case of PMDA E2B R2 (in Argus the encoding is governed based on the Reporting Destination configuration).
- The following are the PMDA E2B R3 specific rules applied to validation logic during import of PMDA E2B R3 file:
 - During validations, the special internal logic of considering the Nullification report as Completion Report (J2.7.1-MHLWADMICSRCOMPLETECLASSR3="completed") is considered applicable for PMDA E2B R3. Additionally, the same logic is extended for the Downgrade report for the PMDA E2B R3 message.
 - The following is the Minimum case creation validation logic for Reaction for PMDA E2B R3 Research & measure (AE, AF, DE,DF, BC, BD, AG, or DG) category of report:

If the incoming file does not comprise a Reaction than a Dummy relation is used during executing the minimum case validation.

(For details on the profile switch, refer to *Oracle Argus Japan Administrator's Guide*).

(For details on minimum case validation, refer to *Oracle Argus Interchange User Guide (English), section ICSR Import Framework*.)

- The following is the COI Identification logic for Minimum case validation:
If Reporting Category is AE, AF, DE, DF, BC, BD, AG, or DG, then fetch the value based on the availability in the following order:
 - a. Fetch COI from the Primary Reporter C.2.r.5= 1.
 - b. Fetch COI from E.i.9.
 - c. Fetch the country from the First reporter which has valid C.2.r.3 value.
- In the incoming PMDA E2B R3 message file the following date elements might contain the time zone component. In case these date elements contain the time zone offset, then adhere to that time zone offset in the element value while converting it in the GMT.
 - J2.2.1 - Date of Reporting
 - N.1.5 - Date of Batch Transmission
 - N.2.r.4 - Date of Message Creation
 - C.1.2 - Date of Creation
 - C.1.4 - Date Report Was First Received from Source
 - C.1.5 - Date of Most Recent Information for This Report

Argus supports time component for N.1.5, N.2.r.4, and C.1.2 only.

In case C.1.4, C.1.5, and J2.2.1 values are in CCYYMMDD precision i.e. without the time component then consider the incoming value to be in GMT and store it without any transformation.

Sample date formats:

- 23-Jan-2017 08:30 +3.5
EMA & PMDA: +3.5 for converting it to GMT:
> If Argus support's time, then save the converted date.
> If Argus does not support's time, then strip the time from converted date, and save.
- 23-Jan-2017 08:30
EMA & PMDA:
> If Argus support's time, then save the incoming date as-is.
> If Argus does not support's time, then strip the time from as-is date, and save.
- 23-Jan-2017
EMA & PMDA: Save the date as-is.

- PMDA E2B R3 regulation have introduced as a new concept of Urgent Report (J2.3 (MHLWFLAGFORURGENTREPORT) = 1). The Urgent Report is treated as regular initial or a follow-up report as applicable.
- The application logic for attachment import supports the compression algorithm as per the profile switch "Compression algorithm for file attachments in PMDA E2B R3".
- Similar to that of EMA E2B R3, if the Reporting destination is configured to transmit the Attachments then the PMDA E2B R3 import logic imports all the valid attachments that are allowed to be added into the case form as configured in the profile switch "Case Processing > Valid Attachment File Types".

ICSR Pending Screen for (R3) Report

- Pending screen filter displays an additional value "Urgent Report" in the existing Reports> ICSR Pending > Report type drop-down list.
- The search grid indicates the Urgent reports by appending "(Urgent)" in the "Initial / F-U / Nullification/ Amendment" column after the actual report type. For example, if the Initial report is an urgent report then the column value is displayed as "Initial (Urgent)".
- In the Pending screen context menu, the E2B Viewer displays the same options as in PMDA E2B R3 Report export i.e. it supports the viewing of the PMDA Paper report. Besides, the default view settings for E2B Viewer remains same as for PMDA E2B R3 export.

PMDA E2B R3 ACK

- PMDA E2B R3 Acknowledgment Template profile "ICH-ICSR V3.0 ACKNOWLEDGMENT TEMPLATE - PMDA" is available in the application.
- Similar to EMA R3, PMDA E2B R3 supports Batch Acknowledgement transmission. The acknowledgements pertaining to ICSR received in the batch are sent only after processing all the ICSRs present in the XML file.
- The application supports the generation of the low level ACK for the PMDA E2B R3 ICSR message imported in Argus using physical media option at Agency level.
- The application generates PMDA E2B R3 ACK as an XML file with the following file name format (unlike PMDA E2B R2 where it was a SGML):

A-<Company's Abbreviation>-<Date of Reporting>-<unique number>.xml

Attribute	Description
Company's Abbreviation	Code List > Reporting Destination > EDI Tab> Company Identifier
Date of Reporting	System date in Japan Time zone (using profile switch JPN_OFFSET) "YYYYMMDDHHMISs" format.
Unique number	This unique number must be alpha-numeric value constructed by concatenating the Case Number and last 2 characters of SAFETYREPORTID tag value (i.e. AA, AB, and AC etc.). For example if the case number is "15JP000236" and Safety Report ID is "JP-SENDER-JAPAN-15JP000236AA" then the Unique number will be "15JP000236AA". In case of a batch ACK, use the case number form the first case of the batch.

Processed ICSR Reports

The Processed ICSR Reports screen contains a list all processed ICSR Reports. Click the Processed ICSR Reports tab on the Incoming Reports screen to view the Processed ICSR Reports screen.



The Processed ICSR screen contains the following:

- Search Criteria
- Total Number of Rows

Total Number of Rows Fields

The following table lists and describes the fields in the Total Number of Rows section on the Processed ICSR screen.

Field	Description
Originated Case#	Displays the Originated Case Number of the case.
Initial/F-U/Nullification	Displays the Initial/F-U/Nullification status.
Trading Partner	The name of the trading partner.
World Wide Unique#	The World Wide Unique # for the case.
Import Status - Warnings/Errors	The import status of the case and any associated warnings/errors.
Case # Imported As	The Case Number used when importing the case.
Accepted / Rejected By	Identifies who accepted or rejected the case.
Notes	The case notes.
Interchange Date	The Interchange Date.
Date Imported/Rejected	The date the case was imported/rejected.
ACK Gen	Yellow indicates the case is still pending Orange indicates the case is accepted with warnings / errors Red indicates the user or system rejected the case. Green indicates the case has been successfully imported.

Field	Description
EDI Out	Yellow indicates the system is waiting to send the report out of the EDI / XML or PHY out folders Green indicates the report is already sent out of the EDI / XML or PHY out folders Red indicates that the EDI gateway failed to send the report out of the EDI / XML or PHY out folders.

Glossary

Electronic Format

A document stored on the computer, instead of printed on paper.

Encode

To convert data by the use of a code in such a manner that reconversion to the original form is possible.

Field Description

Information that describes the characteristics of data in a field.

Field Format

A format in which the output consists of structured field introducers and variable data rather than output in line format.

Filter

A device or program that separates data, signals, or material in accordance with specified criteria.

Home Page

The top-level Web page of a portal. Sometimes used as a synonym for default portal page.

Periodic Safety Update Report

The Periodic Safety Update Report (PSUR) is required as part of the FDA Post Marketing Drug Risk Assessment (PMDRA) program. The PSUR software is designed to track the submission of Periodic Safety Update Reports by marketed product and country.

Portable Document Format

Portable Document Format (PDF) is a file format proprietary to Adobe Systems for representing two-dimensional documents in a device independent and resolution independent fixed-layout document format.

Query

A request for information from the database based on specific conditions. For example, a request for all reports related to a particular study.

Report

A formatted presentation of information relating to a model or to process simulation results. Reports can be viewed online, printed, or exported to a variety of file formats.

Report Type

A data source and how it is mapped.

Rich Text Format (RTF)

A document file format developed by Microsoft for cross-platform document interchange.

Spontaneous Report

A communication from an individual (e.g. health care professional, consumer) to a company or regulatory authority that describes a suspected adverse experience. It does not include cases identified from information solicited by the applicant such as individual cases or findings derived from a study.

Study

Any organized data collection system (such as adverse experience information derived from a clinical trial, patient registry, including pregnancy registries). Reports from company-sponsored patient support programs should be handled as if they were study reports and not as spontaneous reports.

Text

A broad term for something that contains words to express something.

Universal Resource Locator (URL)

In addition to identifying a resource, URLs provide a means of locating the resource by describing its primary access mechanism (e.g., its network 'location').

Web Browser

A client program that initiates requests to a Web server and displays the information that the server returns.

Web Page

Any document that can be accessed by a URL on the World Wide Web.

Web Server

A software program that is capable of servicing Hypertext Transfer Protocol (HTTP) requests.

Web Site (or Website)

A related collection of files available on the Web that is managed by a single entity (an organization or an individual) and contains information in hypertext for its users. A Web site often includes hypertext links to other Web sites.

Web-based Application

An application that is downloaded from the Web each time it is run. The advantage is that the application can be run from any computer, and the software is routinely upgraded and maintained by the hosting organization rather than by each individual user.

World Wide Web (WWW)

A network of servers that contain programs and files. Many of the files contain hypertext links to other documents available through the network.